

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111523\
 Data File : BP018186.D
 Acq On : 15 Nov 2023 22:12
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020680

Quant Time: Nov 15 23:50:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 15 18:13:37 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/16/2023
 Supervised By :mohammad ahmed 11/17/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	52006	20.000	ng/u1	0.00
20) Naphthalene-d8	10.599	136	212807	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.463	164	137540	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.245	188	312237	20.000	ng/u1	0.00
79) Chrysene-d12	21.375	240	323200	20.000	ng/u1	0.00
88) Perylene-d12	23.845	264	359130	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	13389	9.082	ng/uL	0.00
4) Pyridine-d5	3.593	84	77715	20.218	ng/u1	0.00
7) Phenol-d5	6.952	99	94815	18.884	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	61038	20.687	ng/u1	0.00
11) 2-Chlorophenol-d4	7.305	132	79697	20.045	ng/u1	0.00
15) 4-Methylphenol-d8	8.510	113	75801	18.424	ng/u1	0.00
21) Nitrobenzene-d5	8.993	128	37090	19.345	ng/u1	0.00
24) 2-Nitrophenol-d4	9.705	143	41210	18.972	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	74480	19.239	ng/u1	0.00
31) 4-Chloroaniline-d4	10.781	131	98668	18.585	ng/u1	0.00
46) Dimethylphthalate-d6	13.887	166	252859	19.925	ng/u1	0.00
49) Acenaphthylene-d8	14.163	160	268500	19.425	ng/u1	0.00
54) 4-Nitrophenol-d4	14.728	143	19803	10.443	ng/u1	0.00
60) Fluorene-d10	15.463	176	203828	19.454	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.628	200	36320	16.090	ng/u1	0.00
73) Anthracene-d10	17.345	188	334590	19.813	ng/u1	0.00
81) Pyrene-d10	19.604	212	409112	18.951	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.680	264	423511	20.281	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.199	88	14884	9.252	ng/uL	96
5) Pyridine	3.611	79	79501	20.040	ng/u1	98
6) Benzaldehyde	6.958	77	62774	23.215	ng/u1	97
8) Phenol	6.981	94	92944	18.765	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.228	93	77890	20.271	ng/u1	96
12) 2-Chlorophenol	7.340	128	80463	20.156	ng/u1	98
13) 2-Methylphenol	8.240	108	69856	18.666	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.293	45	89825m	20.473	ng/u1	
16) Acetophenone	8.640	105	123180	18.836	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.605	70	66301	18.569	ng/u1	97
18) 4-Methylphenol	8.575	108	73818	18.087	ng/u1	89
19) Hexachloroethane	8.828	117	39929	20.905	ng/u1	88
22) Nitrobenzene	9.034	77	106484	20.569	ng/u1	99
23) Isophorone	9.534	82	176943	18.731	ng/u1	99
25) 2-Nitrophenol	9.740	139	42810	19.180	ng/u1	95
26) 2,4-Dimethylphenol	9.775	107	90271	19.012	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.028	93	100607	19.530	ng/u1	99
29) 2,4-Dichlorophenol	10.257	162	72970	19.739	ng/u1	96
30) Naphthalene	10.652	128	259364	20.041	ng/u1	99
32) 4-Chloroaniline	10.810	127	94919	18.665	ng/u1	99
33) Hexachlorobutadiene	10.863	225	59597	21.960	ng/u1	97
34) Caprolactam	11.640	113	20027	16.308	ng/u1	97
35) 4-Chloro-3-methylphenol	11.922	107	82888	18.637	ng/u1	95
36) 2-Methylnaphthalene	12.269	142	174267	19.614	ng/u1	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111523\
 Data File : BP018186.D
 Acq On : 15 Nov 2023 22:12
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020680

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/16/2023
 Supervised By :mohammad ahmed 11/17/2023

Quant Time: Nov 15 23:50:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 15 18:13:37 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.487	142	178813	19.585	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.628	216	95142	20.477	ng/ul	99
40) Hexachlorocyclopentadiene	12.557	237	28577	12.742	ng/ul	98
41) 2,4,6-Trichlorophenol	12.893	196	58276	19.119	ng/ul	95
42) 2,4,5-Trichlorophenol	12.975	196	56732	17.686	ng/ul	96
43) 1,1'-Biphenyl	13.293	154	231378	19.784	ng/ul	98
44) 2-Chloronaphthalene	13.340	162	184020	19.818	ng/ul	99
45) 2-Nitroaniline	13.604	65	56247	18.772	ng/ul	96
47) Dimethylphthalate	13.934	163	247705	19.898	ng/ul	99
48) 2,6-Dinitrotoluene	14.093	165	47151	19.056	ng/ul	92
50) Acenaphthylene	14.193	152	304263	19.497	ng/ul	99
51) 3-Nitroaniline	14.440	138	43566	18.975	ng/ul	97
52) Acenaphthene	14.528	153	207642	20.066	ng/ul	99
53) 2,4-Dinitrophenol	14.669	184	7367	5.458	ng/ul	85
55) 4-Nitrophenol	14.745	109	41498	16.486	ng/ul	82
56) Dibenzofuran	14.869	168	283865	20.017	ng/ul	96
57) 2,4-Dinitrotoluene	14.887	165	71938	19.459	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.092	232	51044	17.887	ng/ul	97
59) Diethylphthalate	15.292	149	269123	20.693	ng/ul	99
61) Fluorene	15.522	166	241656	20.072	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.516	204	121568	20.605	ng/ul	99
63) 4-Nitroaniline	15.616	138	42167	19.462	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.640	198	35331	15.084	ng/ul#	87
67) N-Nitrosodiphenylamine	15.745	169	197531	19.726	ng/ul	98
68) 4-Bromophenyl-phenylether	16.422	248	71308	20.263	ng/ul	94
69) Hexachlorobenzene	16.498	284	79804	20.323	ng/ul	97
70) Atrazine	16.710	200	73897	21.156	ng/ul	95
71) Pentachlorophenol	16.875	266	45223	18.972	ng/ul	97
72) Phenanthrene	17.286	178	385983	20.133	ng/ul	99
74) Anthracene	17.381	178	392827	20.079	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.246	216	95809	20.094	ng/uL	97
76) Pentachlorobenzene	14.757	250	94655	20.278	ng/uL	96
77) Carbazole	17.681	167	348776	20.529	ng/ul	99
78) Di-n-butylphthalate	18.186	149	474397	22.007	ng/ul	98
80) Fluoranthene	19.275	202	471274	18.692	ng/ul	99
82) Pyrene	19.633	202	502016	19.002	ng/ul	98
83) Butylbenzylphthalate	20.498	149	221630	19.948	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.310	252	159192	20.616	ng/ul	95
85) Benzo(a)anthracene	21.357	228	527657	20.219	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.239	149	331574	21.645	ng/ul	98
87) Chrysene	21.416	228	492337	20.165	ng/ul	98
89) Di-n-octyl phthalate	22.192	149	579109	21.562	ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	514332	20.124	ng/ul	100
91) Benzo(k)fluoranthene	23.133	252	515636	20.053	ng/ul	99
93) Benzo(a)pyrene	23.733	252	484818	20.087	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.462	276	586627	20.264	ng/ul	99
95) Dibenzo(a,h)anthracene	26.486	278	484421	20.323	ng/ul	99
96) Benzo(g,h,i)perylene	27.280	276	466585	20.151	ng/ul	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

