

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
 Data File : BP017911.D
 Acq On : 03 Nov 2023 09:22
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020656

Quant Time: Nov 03 09:03:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 19 01:32:15 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/04/2023
 Supervised By :mohammad ahmed 11/04/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	176216	20.000	ng/u1	0.00
20) Naphthalene-d8	10.722	136	660861	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.587	164	370379	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.381	188	744009	20.000	ng/u1	0.00
79) Chrysene-d12	21.533	240	609219	20.000	ng/u1	0.02
88) Perylene-d12	24.098	264	636203	20.000	ng/u1	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	33709	7.116	ng/uL	0.02
4) Pyridine-d5	3.711	84	224183	18.077	ng/u1	0.02
7) Phenol-d5	7.052	99	304327	20.754	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.234	67	185943	20.532	ng/u1	0.00
11) 2-Chlorophenol-d4	7.410	132	248406	20.770	ng/u1	0.00
15) 4-Methylphenol-d8	8.616	113	233894	20.311	ng/u1	0.00
21) Nitrobenzene-d5	9.099	128	117759	21.990	ng/u1	0.00
24) 2-Nitrophenol-d4	9.810	143	132058	22.319	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.340	165	233756	20.140	ng/u1	0.00
31) 4-Chloroaniline-d4	10.893	131	301479	19.848	ng/u1	0.00
46) Dimethylphthalate-d6	14.004	166	631803	20.320	ng/u1	0.00
49) Acenaphthylene-d8	14.287	160	715049	20.622	ng/u1	0.00
54) 4-Nitrophenol-d4	14.845	143	87458	19.741	ng/u1	0.02
60) Fluorene-d10	15.592	176	511799	19.042	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	82797	16.895	ng/u1	0.01
73) Anthracene-d10	17.486	188	759788	19.984	ng/u1	0.01
81) Pyrene-d10	19.745	212	836900	21.911	ng/u1	0.01
92) Benzo(a)pyrene-d12	23.927	264	707468	19.965	ng/u1	0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.317	88	38365	7.636	ng/uL	94
5) Pyridine	3.728	79	243373m	19.153	ng/u1	
6) Benzaldehyde	7.052	77	201719	25.572	ng/u1	95
8) Phenol	7.081	94	298599	20.652	ng/u1	92
10) Bis(2-Chloroethyl)ether	7.328	93	242360	20.092	ng/u1	99
12) 2-Chlorophenol	7.440	128	249880	20.802	ng/u1	97
13) 2-Methylphenol	8.340	108	221349	20.286	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.405	45	280464m	18.890	ng/u1	
16) Acetophenone	8.746	105	368489	20.354	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.716	70	172845	20.128	ng/u1	99
18) 4-Methylphenol	8.681	108	236086	20.374	ng/u1	100
19) Hexachloroethane	8.946	117	118117	21.400	ng/u1	83
22) Nitrobenzene	9.140	77	314203	23.565	ng/u1	97
23) Isophorone	9.652	82	530466	22.248	ng/u1	98
25) 2-Nitrophenol	9.846	139	134482	21.294	ng/u1#	85
26) 2,4-Dimethylphenol	9.887	107	266734	21.518	ng/u1	93
27) Bis(2-Chloroethoxy)met...	10.146	93	304717	20.663	ng/u1	99
29) 2,4-Dichlorophenol	10.369	162	222381	20.037	ng/u1	96
30) Naphthalene	10.769	128	751317	19.755	ng/u1	99
32) 4-Chloroaniline	10.922	127	286089	19.669	ng/u1	99
33) Hexachlorobutadiene	10.993	225	162320	18.013	ng/u1	94
34) Caprolactam	11.757	113	59869	20.949	ng/u1	95
35) 4-Chloro-3-methylphenol	12.034	107	234114	22.406	ng/u1	88
36) 2-Methylnaphthalene	12.393	142	495555	19.290	ng/u1	100

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37) 1-Methylnaphthalene	12.610	142	498546	18.976	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.746	216	264820	19.323	ng/ul	97
40) Hexachlorocyclopentadiene	12.681	237	107548	13.659	ng/ul#	96
41) 2,4,6-Trichlorophenol	13.010	196	169169	20.567	ng/ul	95
42) 2,4,5-Trichlorophenol	13.087	196	177501	20.873	ng/ul	96
43) 1,1'-Biphenyl	13.410	154	635098	20.813	ng/ul	99
44) 2-Chloronaphthalene	13.463	162	504127	20.437	ng/ul	96
45) 2-Nitroaniline	13.710	65	156778	27.969	ng/ul	90
47) Dimethylphthalate	14.057	163	614686	20.059	ng/ul	99
48) 2,6-Dinitrotoluene	14.210	165	125979	22.336	ng/ul	92
50) Acenaphthylene	14.316	152	797622	20.536	ng/ul	99
51) 3-Nitroaniline	14.551	138	121823	22.710	ng/ul	98
52) Acenaphthene	14.657	153	523612	19.942	ng/ul	99
53) 2,4-Dinitrophenol	14.769	184	43728	13.811	ng/ul#	81
55) 4-Nitrophenol	14.857	109	109753	23.403	ng/ul	86
56) Dibenzofuran	14.992	168	716093	19.425	ng/ul	89
57) 2,4-Dinitrotoluene	15.004	165	178739	21.472	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.222	232	141915	18.806	ng/ul#	89
59) Diethylphthalate	15.416	149	628893	21.256	ng/ul	97
61) Fluorene	15.651	166	587655	19.407	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.645	204	298565	18.550	ng/ul#	89
63) 4-Nitroaniline	15.734	138	114612	23.688	ng/ul	86
66) 4,6-Dinitro-2-methylph...	15.763	198	87274	16.627	ng/ul#	88
67) N-Nitrosodiphenylamine	15.875	169	477652	21.191	ng/ul	99
68) 4-Bromophenyl-phenylether	16.551	248	167473	19.238	ng/ul#	85
69) Hexachlorobenzene	16.634	284	180959	18.107	ng/ul#	80
70) Atrazine	16.839	200	165731	20.006	ng/ul	97
71) Pentachlorophenol	17.010	266	109914	18.293	ng/ul	98
72) Phenanthrene	17.428	178	870593	19.975	ng/ul	99
74) Anthracene	17.522	178	899046	20.367	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.363	216	257887	20.658	ng/uL	98
76) Pentachlorobenzene	14.887	250	233324	19.285	ng/uL	98
77) Carbazole	17.816	167	770410	20.650	ng/ul	97
78) Di-n-butylphthalate	18.328	149	1023028	23.619	ng/ul	99
80) Fluoranthene	19.410	202	981420	22.364	ng/ul	98
82) Pyrene	19.775	202	1020347	21.946	ng/ul	99
83) Butylbenzylphthalate	20.645	149	452590	28.303	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.457	252	276737	20.106	ng/ul	99
85) Benzo(a)anthracene	21.516	228	948015	20.469	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.392	149	638339	28.596	ng/ul	100
87) Chrysene	21.569	228	866643	19.788	ng/ul	99
89) Di-n-octyl phthalate	22.374	149	1075493	26.688	ng/ul	100
90) Benzo(b)fluoranthene	23.298	252	880293	20.331	ng/ul	100
91) Benzo(k)fluoranthene	23.351	252	845379	19.265	ng/ul	100
93) Benzo(a)pyrene	23.980	252	808245	19.884	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.833	276	941514	19.434	ng/ul	99
95) Dibenzo(a,h)anthracene	26.857	278	776083	19.200	ng/ul	99
96) Benzo(g,h,i)perylene	27.686	276	751990	19.266	ng/ul	99

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

