

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102023\
 Data File : BP017744.D
 Acq On : 20 Oct 2023 17:41
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020788

Quant Time: Oct 20 22:49:50 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 10/23/2023
 Supervised By :mohammad ahmed 10/23/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	123497	20.000	ng/u1	0.00
20) Naphthalene-d8	10.728	136	497288	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.598	164	304784	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.392	188	589179	20.000	ng/u1	# 0.02
79) Chrysene-d12	21.533	240	520004	20.000	ng/u1	# 0.02
88) Perylene-d12	24.104	264	527043	20.000	ng/u1	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	29413	8.860	ng/uL	0.00
4) Pyridine-d5	3.693	84	196349	22.591	ng/u1	0.00
7) Phenol-d5	7.052	99	222064	21.608	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.240	67	148254	23.359	ng/u1	0.00
11) 2-Chlorophenol-d4	7.416	132	179421	21.406	ng/u1	0.00
15) 4-Methylphenol-d8	8.622	113	170094	21.076	ng/u1	0.01
21) Nitrobenzene-d5	9.105	128	81548	20.237	ng/u1	0.00
24) 2-Nitrophenol-d4	9.822	143	89338	20.066	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.346	165	176462	20.205	ng/u1	0.00
31) 4-Chloroaniline-d4	10.905	131	227247	19.882	ng/u1	0.01
46) Dimethylphthalate-d6	14.010	166	507249	19.826	ng/u1	0.00
49) Acenaphthylene-d8	14.293	160	578714	20.282	ng/u1	0.01
54) 4-Nitrophenol-d4	14.840	143	63450	17.404	ng/u1	0.01
60) Fluorene-d10	15.604	176	442578	20.011	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.745	200	72787	18.755	ng/u1	0.01
73) Anthracene-d10	17.492	188	618458	20.541	ng/u1	0.02
81) Pyrene-d10	19.751	212	696364	21.360	ng/u1	0.02
92) Benzo(a)pyrene-d12	23.927	264	598673	20.394	ng/u1	0.03
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.299	88	32421	9.207	ng/uL	96
5) Pyridine	3.717	79	200933	22.564	ng/u1	98
6) Benzaldehyde	7.058	77	137472	24.867	ng/u1	97
8) Phenol	7.081	94	221874	21.897	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.334	93	190607	22.547	ng/u1	97
12) 2-Chlorophenol	7.446	128	182195	21.642	ng/u1	96
13) 2-Methylphenol	8.346	108	164847	21.557	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.411	45	247704m	23.806	ng/u1	
16) Acetophenone	8.758	105	280137	22.079	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.722	70	143384	23.826	ng/u1	98
18) 4-Methylphenol	8.681	108	175559	21.618	ng/u1	99
19) Hexachloroethane	8.958	117	81593	21.093	ng/u1	85
22) Nitrobenzene	9.146	77	226212	22.546	ng/u1	96
23) Isophorone	9.658	82	392607	21.882	ng/u1	98
25) 2-Nitrophenol	9.852	139	98674	20.763	ng/u1	92
26) 2,4-Dimethylphenol	9.893	107	198419	21.273	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.152	93	246151	22.182	ng/u1	100
29) 2,4-Dichlorophenol	10.375	162	169795	20.331	ng/u1	95
30) Naphthalene	10.781	128	581219	20.309	ng/u1	100
32) 4-Chloroaniline	10.928	127	220209	20.120	ng/u1	99
33) Hexachlorobutadiene	11.005	225	113756	16.776	ng/u1	97
34) Caprolactam	11.775	113	40401m	18.787	ng/u1	
35) 4-Chloro-3-methylphenol	12.040	107	171080	21.759	ng/u1	93
36) 2-Methylnaphthalene	12.399	142	385676	19.951	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.622	142	400595	20.263	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.751	216	209718	18.595	ng/ul#	97
40) Hexachlorocyclopentadiene	12.693	237	98003	15.125	ng/ul	97
41) 2,4,6-Trichlorophenol	13.016	196	132326	19.550	ng/ul	99
42) 2,4,5-Trichlorophenol	13.093	196	139768	19.973	ng/ul	98
43) 1,1'-Biphenyl	13.422	154	523974	20.867	ng/ul	99
44) 2-Chloronaphthalene	13.469	162	414897	20.440	ng/ul	99
45) 2-Nitroaniline	13.716	65	107853	23.382	ng/ul	93
47) Dimethylphthalate	14.063	163	504908	20.023	ng/ul	100
48) 2,6-Dinitrotoluene	14.210	165	91471	19.708	ng/ul	88
50) Acenaphthylene	14.322	152	666773	20.862	ng/ul	100
51) 3-Nitroaniline	14.557	138	86779	19.659	ng/ul	97
52) Acenaphthene	14.663	153	440098	20.369	ng/ul	99
53) 2,4-Dinitrophenol	14.769	184	38089	14.619	ng/ul#	86
55) 4-Nitrophenol	14.857	109	73991	19.173	ng/ul	97
56) Dibenzofuran	15.004	168	616754	20.331	ng/ul	98
57) 2,4-Dinitrotoluene	15.004	165	137425	20.062	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.228	232	111616	17.974	ng/ul	91
59) Diethylphthalate	15.428	149	494713	20.320	ng/ul	99
61) Fluorene	15.657	166	503646	20.212	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.651	204	248267	18.745	ng/ul	94
63) 4-Nitroaniline	15.740	138	84017	21.102	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.763	198	82256	19.789	ng/ul	94
67) N-Nitrosodiphenylamine	15.881	169	400700	22.449	ng/ul	99
68) 4-Bromophenyl-phenylether	16.563	248	126637	18.370	ng/ul#	92
69) Hexachlorobenzene	16.640	284	138925	17.554	ng/ul#	86
70) Atrazine	16.845	200	124774	19.020	ng/ul	99
71) Pentachlorophenol	17.016	266	78285	16.453	ng/ul	99
72) Phenanthrene	17.434	178	718291	20.812	ng/ul	100
74) Anthracene	17.528	178	724886	20.737	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.375	216	206925	20.931	ng/uL	99
76) Pentachlorobenzene	14.893	250	190504	19.883	ng/uL	99
77) Carbazole	17.822	167	609795	20.640	ng/ul	99
78) Di-n-butylphthalate	18.334	149	740766	21.597	ng/ul	99
80) Fluoranthene	19.422	202	816440	21.796	ng/ul	97
82) Pyrene	19.781	202	867250	21.854	ng/ul	98
83) Butylbenzylphthalate	20.651	149	316581	23.194	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.463	252	216401	18.420	ng/ul	99
85) Benzo(a)anthracene	21.516	228	817127	20.670	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.398	149	443055	23.253	ng/ul	99
87) Chrysene	21.575	228	773688	20.696	ng/ul	99
89) Di-n-octyl phthalate	22.380	149	768557	23.022	ng/ul	100
90) Benzo(b)fluoranthene	23.304	252	747160	20.830	ng/ul	98
91) Benzo(k)fluoranthene	23.357	252	763791	21.010	ng/ul	99
93) Benzo(a)pyrene	23.986	252	711928	21.142	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.827	276	799243	19.915	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.851	278	660547	19.726	ng/ul#	96
96) Benzo(g,h,i)perylene	27.674	276	649043	20.072	ng/ul#	95

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

