

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
 Data File : BP022533.D
 Acq On : 22 Oct 2024 10:23
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020669

Quant Time: Oct 22 10:53:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 22 05:59:59 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/23/2024
 Supervised By :mohammad ahmed 10/25/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	122490	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	470487	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.269	164	380273	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.075	188	932030	20.000	ng/u1	0.00
79) Chrysene-d12	21.504	240	941779	20.000	ng/u1	0.00
88) Perylene-d12	24.768	264	1086663	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	21280	6.751	ng/uL	0.00
4) Pyridine-d5	3.605	84	149785	17.310	ng/u1	0.00
7) Phenol-d5	6.852	99	200082	19.405	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	116143	19.165	ng/u1	0.00
11) 2-Chlorophenol-d4	7.205	132	152539	20.849	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	166040	20.178	ng/u1	0.00
21) Nitrobenzene-d5	8.805	128	77529	21.431	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	92071	21.983	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.052	165	189331	21.269	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	209011	19.871	ng/u1	0.00
46) Dimethylphthalate-d6	13.687	166	590527	19.545	ng/u1	0.00
49) Acenaphthylene-d8	13.957	160	648876	20.220	ng/u1	0.00
54) 4-Nitrophenol-d4	14.498	143	97426	19.221	ng/u1	0.00
60) Fluorene-d10	15.281	176	524728	20.023	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.422	200	99990	16.312	ng/u1	0.00
73) Anthracene-d10	17.169	188	864919	19.727	ng/u1	0.00
81) Pyrene-d10	19.551	212	1066747	21.419	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.533	264	1159897	19.987	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	23402	6.905	ng/uL	97
5) Pyridine	3.622	79	152187	17.152	ng/u1	98
6) Benzaldehyde	6.822	77	110665	19.861	ng/u1	98
8) Phenol	6.881	94	204162	19.032	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.093	93	161962	20.173	ng/u1	98
12) 2-Chlorophenol	7.234	128	151855	20.072	ng/u1	96
13) 2-Methylphenol	8.105	108	154588	19.857	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.169	45	181537	19.456	ng/u1	99
16) Acetophenone	8.469	105	270734	19.929	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.452	70	136482	19.830	ng/u1	97
18) 4-Methylphenol	8.428	108	170229	19.710	ng/u1	97
19) Hexachloroethane	8.722	117	70279	19.946	ng/u1	97
22) Nitrobenzene	8.840	77	212163	19.648	ng/u1	97
23) Isophorone	9.369	82	388386	20.060	ng/u1	98
25) 2-Nitrophenol	9.540	139	93579	20.732	ng/u1	98
26) 2,4-Dimethylphenol	9.610	107	199268	20.311	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.834	93	222393	20.230	ng/u1	99
29) 2,4-Dichlorophenol	10.075	162	183920	20.981	ng/u1	98
30) Naphthalene	10.463	128	506998	20.232	ng/u1	99
32) 4-Chloroaniline	10.581	127	205830	19.824	ng/u1	98
33) Hexachlorobutadiene	10.746	225	150997	20.438	ng/u1	99
34) Caprolactam	11.357	113	53946	19.089	ng/u1	91
35) 4-Chloro-3-methylphenol	11.716	107	199211	20.829	ng/u1	100
36) 2-Methylnaphthalene	12.075	142	376532	20.469	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.304	142	389319	20.736	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.445	216	278922	19.837	ng/ul	94
40) Hexachlorocyclopentadiene	12.422	237	106786	12.465	ng/ul	97
41) 2,4,6-Trichlorophenol	12.693	196	177619	20.082	ng/ul	97
42) 2,4,5-Trichlorophenol	12.775	196	195916	20.803	ng/ul	96
43) 1,1'-Biphenyl	13.093	154	537564	19.612	ng/ul	100
44) 2-Chloronaphthalene	13.134	162	448565	19.991	ng/ul	99
45) 2-Nitroaniline	13.345	65	130853	19.531	ng/ul	97
47) Dimethylphthalate	13.734	163	590566	19.616	ng/ul	100
48) 2,6-Dinitrotoluene	13.845	165	120708	21.197	ng/ul	95
50) Acenaphthylene	13.987	152	676457	20.311	ng/ul	99
51) 3-Nitroaniline	14.181	138	109474	20.468	ng/ul	99
52) Acenaphthene	14.328	153	462235	19.627	ng/ul	100
53) 2,4-Dinitrophenol	14.404	184	62699	14.965	ng/ul	95
55) 4-Nitrophenol	14.510	109	111753	19.865	ng/ul	98
56) Dibenzofuran	14.669	168	690859	19.529	ng/ul	98
57) 2,4-Dinitrotoluene	14.645	165	184463	20.846	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	14.916	232	183113	20.831	ng/ul	97
59) Diethylphthalate	15.110	149	584067	20.221	ng/ul	98
61) Fluorene	15.328	166	573303	19.889	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.322	204	327011	19.839	ng/ul	98
63) 4-Nitroaniline	15.357	138	120250	22.343	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.439	198	106386	16.113	ng/ul	100
67) N-Nitrosodiphenylamine	15.551	169	490606	19.656	ng/ul	99
68) 4-Bromophenyl-phenylether	16.245	248	227427	20.235	ng/ul	97
69) Hexachlorobenzene	16.357	284	284456	20.561	ng/ul	98
70) Atrazine	16.534	200	203540	19.619	ng/ul	96
71) Pentachlorophenol	16.716	266	184213	20.709	ng/ul	95
72) Phenanthrene	17.110	178	979839	19.650	ng/ul	100
74) Anthracene	17.210	178	995816	20.012	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.063	216	280301	19.752	ng/uL	97
76) Pentachlorobenzene	14.592	250	309042	19.699	ng/uL	99
77) Carbazole	17.492	167	869574	19.749	ng/ul	98
78) Di-n-butylphthalate	18.075	149	1039528	21.337	ng/ul	99
80) Fluoranthene	19.204	202	1273360	22.240	ng/ul	99
82) Pyrene	19.586	202	1324883	21.590	ng/ul	98
83) Butylbenzylphthalate	20.533	149	487395	22.813	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.416	252	388146	17.289	ng/ul	97
85) Benzo(a)anthracene	21.486	228	1328633	20.124	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.416	149	690140	22.504	ng/ul	100
87) Chrysene	21.557	228	1213582	19.824	ng/ul	100
89) Di-n-octyl phthalate	22.663	149	1133596	21.931	ng/ul	100
90) Benzo(b)fluoranthene	23.733	252	1357389	19.844	ng/ul#	98
91) Benzo(k)fluoranthene	23.792	252	1351047	20.174	ng/ul	99
93) Benzo(a)pyrene	24.604	252	1249250	19.844	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.462	276	1626256	19.358	ng/ul	98
95) Dibenzo(a,h)anthracene	28.533	278	1316903	19.358	ng/ul	99
96) Benzo(g,h,i)perylene	29.615	276	1275593m	19.521	ng/ul	

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

