

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111624\
 Data File : BP023189.D
 Acq On : 17 Nov 2024 03:16
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020725

Quant Time: Nov 17 04:43:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 13 04:49:01 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/18/2024
 Supervised By :mohammad ahmed 11/18/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	81176	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.316	136	322927	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.187	164	259587	20.000	ng/u1	-0.02
64) Phenanthrene-d10	16.998	188	657126	20.000	ng/u1	#-0.02
79) Chrysene-d12	21.427	240	748880	20.000	ng/u1	-0.02
88) Perylene-d12	24.627	264	878110	20.000	ng/u1	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	14230	8.426	ng/uL	0.00
4) Pyridine-d5	3.540	84	105794	21.085	ng/u1	0.00
7) Phenol-d5	6.775	99	125115	20.847	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.916	67	76264	21.629	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.116	132	93759	21.331	ng/u1	-0.01
15) 4-Methylphenol-d8	8.281	113	103177	20.891	ng/u1	-0.01
21) Nitrobenzene-d5	8.716	128	48292	21.481	ng/u1	0.00
24) 2-Nitrophenol-d4	9.422	143	56586	21.113	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	9.963	165	120222	21.419	ng/u1	0.00
31) 4-Chloroaniline-d4	10.469	131	139245	20.795	ng/u1	-0.01
46) Dimethylphthalate-d6	13.592	166	387992	20.738	ng/u1	-0.02
49) Acenaphthylene-d8	13.881	160	424727	21.757	ng/u1	-0.02
54) 4-Nitrophenol-d4	14.451	143	47759	16.986	ng/u1	0.00
60) Fluorene-d10	15.204	176	352449	21.487	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.345	200	73780	18.742	ng/u1	-0.02
73) Anthracene-d10	17.098	188	622982	22.391	ng/u1	-0.02
81) Pyrene-d10	19.480	212	777492	22.540	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.415	264	897219	21.450	ng/u1	-0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.164	88	16935	8.679	ng/uL	90
5) Pyridine	3.558	79	106254	21.086	ng/u1	97
6) Benzaldehyde	6.740	77	86816m	25.137	ng/u1	
8) Phenol	6.799	94	131579	20.995	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.010	93	100794	21.402	ng/u1	93
12) 2-Chlorophenol	7.146	128	96141	21.068	ng/u1	95
13) 2-Methylphenol	8.022	108	99296	21.225	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.075	45	116528	21.857	ng/u1	97
16) Acetophenone	8.387	105	173855	20.949	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.363	70	89952	21.707	ng/u1	97
18) 4-Methylphenol	8.346	108	108135	20.927	ng/u1	93
19) Hexachloroethane	8.610	117	44941	20.363	ng/u1	98
22) Nitrobenzene	8.757	77	139944	21.694	ng/u1	96
23) Isophorone	9.269	82	245322	21.269	ng/u1	98
25) 2-Nitrophenol	9.457	139	59385	20.992	ng/u1	94
26) 2,4-Dimethylphenol	9.522	107	127594	20.887	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.740	93	140384	22.120	ng/u1	97
29) 2,4-Dichlorophenol	9.987	162	118849	21.378	ng/u1	96
30) Naphthalene	10.363	128	329551	21.006	ng/u1	98
32) 4-Chloroaniline	10.498	127	133244	20.539	ng/u1	97
33) Hexachlorobutadiene	10.640	225	102134	20.303	ng/u1	98
34) Caprolactam	11.287	113	34160m	20.658	ng/u1	
35) 4-Chloro-3-methylphenol	11.640	107	130740	21.860	ng/u1	96
36) 2-Methylnaphthalene	11.975	142	251991	21.276	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.193	142	257582	21.274	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.351	216	189574	21.632	ng/ul	98
40) Hexachlorocyclopentadiene	12.316	237	80111	17.404	ng/ul	96
41) 2,4,6-Trichlorophenol	12.604	196	118999	22.299	ng/ul	98
42) 2,4,5-Trichlorophenol	12.704	196	126112	21.921	ng/ul	98
43) 1,1'-Biphenyl	12.992	154	362192	21.775	ng/ul	100
44) 2-Chloronaphthalene	13.045	162	297371	21.870	ng/ul	99
45) 2-Nitroaniline	13.263	65	85200	22.316	ng/ul	98
47) Dimethylphthalate	13.639	163	387996	21.028	ng/ul	99
48) 2,6-Dinitrotoluene	13.781	165	79008	22.014	ng/ul	97
50) Acenaphthylene	13.904	152	439262	22.260	ng/ul	100
51) 3-Nitroaniline	14.128	138	70602	22.839	ng/ul#	96
52) Acenaphthene	14.251	153	316775	22.111	ng/ul	96
53) 2,4-Dinitrophenol	14.351	184	38688	15.192	ng/ul	94
55) 4-Nitrophenol	14.469	109	57821	17.577	ng/ul	91
56) Dibenzofuran	14.598	168	485561	21.937	ng/ul	99
57) 2,4-Dinitrotoluene	14.586	165	126616	22.135	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.845	232	120671	21.458	ng/ul	100
59) Diethylphthalate	15.022	149	380676	20.861	ng/ul	98
61) Fluorene	15.263	166	395153	21.812	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.251	204	230834	21.639	ng/ul	98
63) 4-Nitroaniline	15.310	138	69031	23.998	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.363	198	78115	18.576	ng/ul	98
67) N-Nitrosodiphenylamine	15.463	169	336319	22.149	ng/ul	99
68) 4-Bromophenyl-phenylether	16.157	248	162273	21.807	ng/ul	99
69) Hexachlorobenzene	16.286	284	199466	21.293	ng/ul	95
70) Atrazine	16.451	200	154060	20.989	ng/ul	98
71) Pentachlorophenol	16.657	266	113725	19.554	ng/ul	97
72) Phenanthrene	17.039	178	677166	21.826	ng/ul	100
74) Anthracene	17.128	178	706288	22.642	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.963	216	190317	21.936	ng/ul	99
76) Pentachlorobenzene	14.522	250	211724	21.372	ng/ul	98
77) Carbazole	17.428	167	597468	21.953	ng/ul	98
78) Di-n-butylphthalate	18.010	149	654187	21.661	ng/ul	99
80) Fluoranthene	19.139	202	901946	22.697	ng/ul	100
82) Pyrene	19.516	202	936386	21.934	ng/ul	99
83) Butylbenzylphthalate	20.463	149	325532	23.161	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.333	252	343127	20.412	ng/ul	100
85) Benzo(a)anthracene	21.404	228	975039	21.323	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.333	149	439408	21.999	ng/ul	98
87) Chrysene	21.468	228	933789	21.702	ng/ul	99
89) Di-n-octyl phthalate	22.551	149	741900	20.825	ng/ul	100
90) Benzo(b)fluoranthene	23.615	252	1040266	21.284	ng/ul	99
91) Benzo(k)fluoranthene	23.686	252	1041781	21.652	ng/ul#	99
93) Benzo(a)pyrene	24.486	252	963679	21.811	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.268	276	1259304m	20.458	ng/ul	
95) Dibenzo(a,h)anthracene	28.321	278	1002158	20.051	ng/ul	99
96) Benzo(g,h,i)perylene	29.409	276	947046m	20.256	ng/ul	

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

