

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
 Data File : BP023453.D
 Acq On : 17 Dec 2024 04:36
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020752

Quant Time: Dec 17 05:46:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 00:30:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/18/2024
 Supervised By :mohammad ahmed 12/19/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.528	152	127807	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.269	136	462055	20.000	ng/u1	#-0.01
38) Acenaphthene-d10	14.151	164	340297	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.951	188	760757	20.000	ng/u1	0.00
79) Chrysene-d12	21.374	240	786743	20.000	ng/u1	-0.01
88) Perylene-d12	24.539	264	908825	20.000	ng/u1	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.099	96	21288	6.132	ng/uL	0.00
4) Pyridine-d5	3.511	84	148939	16.685	ng/u1	0.00
7) Phenol-d5	6.746	99	188912	18.838	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.881	67	119072	18.820	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.081	132	144343	19.502	ng/u1	0.00
15) 4-Methylphenol-d8	8.252	113	149314	18.449	ng/u1	0.00
21) Nitrobenzene-d5	8.675	128	69530	20.152	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.387	143	80828	20.326	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.928	165	168659	20.096	ng/u1	0.00
31) 4-Chloroaniline-d4	10.428	131	182857	19.449	ng/u1	-0.01
46) Dimethylphthalate-d6	13.557	166	495848	18.770	ng/u1	0.00
49) Acenaphthylene-d8	13.840	160	538016	19.308	ng/u1	0.00
54) 4-Nitrophenol-d4	14.434	143	48703	15.044	ng/u1	0.02
60) Fluorene-d10	15.157	176	428296	18.432	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.316	200	89892	19.551	ng/u1	0.00
73) Anthracene-d10	17.051	188	707880	20.388	ng/u1	0.00
81) Pyrene-d10	19.439	212	850173	20.684	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.333	264	907611	18.655	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.134	88	25076	6.528	ng/uL	94
5) Pyridine	3.528	79	153168	16.798	ng/u1	95
6) Benzaldehyde	6.705	77	127779	22.289	ng/u1	98
8) Phenol	6.769	94	198231	18.988	ng/u1	93
10) Bis(2-Chloroethyl)ether	6.969	93	155733	18.898	ng/u1	100
12) 2-Chlorophenol	7.111	128	146874	18.929	ng/u1	97
13) 2-Methylphenol	7.987	108	144940	18.720	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.040	45	194831	19.441	ng/u1	99
16) Acetophenone	8.340	105	241883	17.757	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.322	70	129168	17.402	ng/u1	97
18) 4-Methylphenol	8.316	108	155523	18.611	ng/u1	89
19) Hexachloroethane	8.575	117	72832	19.279	ng/u1	93
22) Nitrobenzene	8.716	77	197363	18.799	ng/u1	99
23) Isophorone	9.228	82	356159	19.153	ng/u1	97
25) 2-Nitrophenol	9.416	139	85190	20.056	ng/u1	93
26) 2,4-Dimethylphenol	9.481	107	181862	19.335	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.704	93	201030	19.135	ng/u1	97
29) 2,4-Dichlorophenol	9.957	162	163528	19.660	ng/u1	98
30) Naphthalene	10.322	128	461807	19.092	ng/u1	99
32) 4-Chloroaniline	10.452	127	175627	19.264	ng/u1	100
33) Hexachlorobutadiene	10.593	225	138561	18.779	ng/u1	99
34) Caprolactam	11.240	113	45826m	18.882	ng/u1	
35) 4-Chloro-3-methylphenol	11.599	107	172793	19.131	ng/u1	96
36) 2-Methylnaphthalene	11.934	142	350094	19.517	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.157	142	338144	18.499	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.316	216	243441	19.604	ng/ul	97
40) Hexachlorocyclopentadiene	12.281	237	92683	15.534	ng/ul	99
41) 2,4,6-Trichlorophenol	12.575	196	151541	20.621	ng/ul	98
42) 2,4,5-Trichlorophenol	12.669	196	157306	20.034	ng/ul	98
43) 1,1'-Biphenyl	12.963	154	469125	19.456	ng/ul	99
44) 2-Chloronaphthalene	13.010	162	381815	19.577	ng/ul	97
45) 2-Nitroaniline	13.240	65	110405	19.539	ng/ul	97
47) Dimethylphthalate	13.604	163	495531	19.042	ng/ul	98
48) 2,6-Dinitrotoluene	13.745	165	98419	19.738	ng/ul	93
50) Acenaphthylene	13.869	152	557108	19.633	ng/ul	100
51) 3-Nitroaniline	14.092	138	87886	21.030	ng/ul	99
52) Acenaphthene	14.222	153	400939	19.331	ng/ul	97
53) 2,4-Dinitrophenol	14.316	184	73712	22.925	ng/ul	96
55) 4-Nitrophenol	14.445	109	83536	19.154	ng/ul	94
56) Dibenzofuran	14.563	168	589322	18.710	ng/ul	97
57) 2,4-Dinitrotoluene	14.563	165	148090	18.431	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.804	232	144152	18.493	ng/ul#	95
59) Diethylphthalate	14.987	149	472758	18.216	ng/ul	98
61) Fluorene	15.222	166	475432	18.537	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.216	204	268394	18.043	ng/ul	96
63) 4-Nitroaniline	15.269	138	81807	22.257	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.328	198	92595	18.984	ng/ul#	89
67) N-Nitrosodiphenylamine	15.434	169	403955	20.793	ng/ul	100
68) 4-Bromophenyl-phenylether	16.122	248	178123	19.834	ng/ul	99
69) Hexachlorobenzene	16.251	284	216491	19.677	ng/ul	95
70) Atrazine	16.416	200	177176	20.959	ng/ul	99
71) Pentachlorophenol	16.616	266	127933	19.921	ng/ul	97
72) Phenanthrene	16.998	178	796211	20.244	ng/ul	100
74) Anthracene	17.086	178	780436	19.845	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.928	216	242900	22.150	ng/uL	99
76) Pentachlorobenzene	14.481	250	250450	20.721	ng/uL	99
77) Carbazole	17.386	167	683385	21.329	ng/ul	98
78) Di-n-butylphthalate	17.957	149	823140	20.909	ng/ul	99
80) Fluoranthene	19.086	202	987587	20.968	ng/ul	98
82) Pyrene	19.469	202	1047331	20.955	ng/ul	99
83) Butylbenzylphthalate	20.422	149	361649	20.892	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.286	252	346497	19.193	ng/ul	99
85) Benzo(a)anthracene	21.357	228	1004482	19.040	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.286	149	517937	20.835	ng/ul#	98
87) Chrysene	21.422	228	940483	18.602	ng/ul	99
89) Di-n-octyl phthalate	22.486	149	878321	19.788	ng/ul	100
90) Benzo(b)fluoranthene	23.557	252	1042242	18.253	ng/ul	99
91) Benzo(k)fluoranthene	23.616	252	1044354	18.382	ng/ul	100
93) Benzo(a)pyrene	24.398	252	962909	18.599	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.127	276	1291017	19.404	ng/ul	97
95) Dibenzo(a,h)anthracene	28.192	278	1037262	19.481	ng/ul	99
96) Benzo(g,h,i)perylene	29.239	276	994897m	19.531	ng/ul	

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

