

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111824\
 Data File : BP023191.D
 Acq On : 18 Nov 2024 10:28
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020726

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/19/2024
 Supervised By :mohammad ahmed 11/19/2024

Quant Time: Nov 18 11:42:57 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	57960	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.316	136	227814	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.180	164	194885	20.000	ng/u1	-0.02
64) Phenanthrene-d10	16.998	188	511555	20.000	ng/u1	-0.02
79) Chrysene-d12	21.433	240	630040	20.000	ng/u1	-0.01
88) Perylene-d12	24.651	264	741606	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	10549	8.749	ng/uL	0.00
4) Pyridine-d5	3.546	84	76662	21.399	ng/u1	0.00
7) Phenol-d5	6.775	99	87305	20.374	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.916	67	54743	21.744	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.116	132	66647	21.236	ng/u1	-0.01
15) 4-Methylphenol-d8	8.281	113	73182	20.753	ng/u1	-0.01
21) Nitrobenzene-d5	8.716	128	33629	21.204	ng/u1	0.00
24) 2-Nitrophenol-d4	9.422	143	40809	21.583	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	9.963	165	89314	22.556	ng/u1	0.00
31) 4-Chloroaniline-d4	10.469	131	100099	21.190	ng/u1	-0.01
46) Dimethylphthalate-d6	13.598	166	285843	20.351	ng/u1	-0.01
49) Acenaphthylene-d8	13.863	160	316085	21.567	ng/u1	-0.04
54) 4-Nitrophenol-d4	14.451	143	31943	15.133	ng/u1	0.00
60) Fluorene-d10	15.198	176	279618	22.706	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.345	200	58209	18.995	ng/u1	-0.02
73) Anthracene-d10	17.092	188	494668	22.838	ng/u1	-0.02
81) Pyrene-d10	19.486	212	652222	22.475	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.433	264	801588	22.691	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.163	88	11354	8.149	ng/uL	88
5) Pyridine	3.563	79	77056	21.417	ng/u1	96
6) Benzaldehyde	6.740	77	58822	23.854	ng/u1	99
8) Phenol	6.799	94	93677	20.935	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.010	93	68460	20.359	ng/u1	97
12) 2-Chlorophenol	7.151	128	68211	20.935	ng/u1	96
13) 2-Methylphenol	8.022	108	68376	20.470	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.075	45	81601	21.437	ng/u1	97
16) Acetophenone	8.381	105	122349	20.648	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.363	70	66035	22.319	ng/u1	98
18) 4-Methylphenol	8.345	108	76616	20.767	ng/u1	98
19) Hexachloroethane	8.616	117	32819	20.827	ng/u1	97
22) Nitrobenzene	8.751	77	102017	22.417	ng/u1	93
23) Isophorone	9.269	82	175129	21.522	ng/u1	99
25) 2-Nitrophenol	9.451	139	42265	21.178	ng/u1	96
26) 2,4-Dimethylphenol	9.516	107	96851	22.474	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.745	93	98346	21.966	ng/u1	97
29) 2,4-Dichlorophenol	9.992	162	85600	21.825	ng/u1	96
30) Naphthalene	10.369	128	237821	21.488	ng/u1	100
32) 4-Chloroaniline	10.492	127	95785	20.929	ng/u1	97
33) Hexachlorobutadiene	10.634	225	74864	21.096	ng/u1	97
34) Caprolactam	11.281	113	23705m	20.320	ng/u1	
35) 4-Chloro-3-methylphenol	11.634	107	95335	22.595	ng/u1	94
36) 2-Methylnaphthalene	11.981	142	182656	21.860	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.198	142	186201	21.799	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.357	216	140280	21.321	ng/ul	98
40) Hexachlorocyclopentadiene	12.322	237	53943	15.610	ng/ul	99
41) 2,4,6-Trichlorophenol	12.616	196	86150	21.504	ng/ul	97
42) 2,4,5-Trichlorophenol	12.698	196	94379	21.852	ng/ul	96
43) 1,1'-Biphenyl	13.010	154	269490	21.580	ng/ul	98
44) 2-Chloronaphthalene	13.051	162	219570	21.509	ng/ul	98
45) 2-Nitroaniline	13.275	65	66940	23.354	ng/ul	95
47) Dimethylphthalate	13.651	163	290591	20.978	ng/ul	99
48) 2,6-Dinitrotoluene	13.775	165	58954	21.879	ng/ul	98
50) Acenaphthylene	13.892	152	324614	21.912	ng/ul	99
51) 3-Nitroaniline	14.116	138	50745	21.865	ng/ul	95
52) Acenaphthene	14.239	153	235808	21.924	ng/ul	97
53) 2,4-Dinitrophenol	14.357	184	29319	15.335	ng/ul	95
55) 4-Nitrophenol	14.463	109	42599	17.249	ng/ul	97
56) Dibenzofuran	14.580	168	373497	22.476	ng/ul	96
57) 2,4-Dinitrotoluene	14.586	165	98237	22.875	ng/ul#	72
58) 2,3,4,6-Tetrachlorophenol	14.833	232	94199	22.312	ng/ul	96
59) Diethylphthalate	15.028	149	296690	21.656	ng/ul	99
61) Fluorene	15.245	166	309888	22.784	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.245	204	182528	22.792	ng/ul	99
63) 4-Nitroaniline	15.298	138	47614	22.048	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.363	198	60686	18.538	ng/ul	93
67) N-Nitrosodiphenylamine	15.475	169	267078	22.594	ng/ul	99
68) 4-Bromophenyl-phenylether	16.169	248	127667	22.039	ng/ul	98
69) Hexachlorobenzene	16.286	284	161583	22.157	ng/ul	97
70) Atrazine	16.457	200	119918	20.987	ng/ul	98
71) Pentachlorophenol	16.651	266	101577	22.435	ng/ul	98
72) Phenanthrene	17.033	178	549970	22.770	ng/ul	99
74) Anthracene	17.127	178	560124	23.066	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.975	216	143087	21.185	ng/uL	97
76) Pentachlorobenzene	14.510	250	170279	22.080	ng/uL	96
77) Carbazole	17.421	167	500649	23.631	ng/ul	100
78) Di-n-butylphthalate	17.998	149	535086	22.759	ng/ul	100
80) Fluoranthene	19.139	202	746377	22.325	ng/ul	99
82) Pyrene	19.515	202	829884	23.106	ng/ul	99
83) Butylbenzylphthalate	20.474	149	264312	22.352	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.345	252	276861	19.577	ng/ul	97
85) Benzo(a)anthracene	21.415	228	870407	22.625	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.339	149	372664	22.177	ng/ul	98
87) Chrysene	21.480	228	813246	22.466	ng/ul	99
89) Di-n-octyl phthalate	22.557	149	647241	21.512	ng/ul	100
90) Benzo(b)fluoranthene	23.639	252	917455	22.226	ng/ul	99
91) Benzo(k)fluoranthene	23.704	252	955833	23.522	ng/ul	99
93) Benzo(a)pyrene	24.503	252	856066	22.942	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.303	276	1099542m	21.150	ng/ul	
95) Dibenzo(a,h)anthracene	28.356	278	888112	21.040	ng/ul	98
96) Benzo(g,h,i)perylene	29.444	276	848998m	21.501	ng/ul	

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

