

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110924\
 Data File : BP022949.D
 Acq On : 09 Nov 2024 03:04
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020705

Manual Integrations
 APPROVED

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

Quant Time: Nov 09 05:45:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 08 23:49:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.593	152	66484	20.000	ng/u1	0.00
20) Naphthalene-d8	10.352	136	261161	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.204	164	214756	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.016	188	544114	20.000	ng/u1	-0.02
79) Chrysene-d12	21.457	240	616039	20.000	ng/u1	0.00
88) Perylene-d12	24.680	264	722679	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	11272	8.150	ng/uL	0.00
4) Pyridine-d5	3.552	84	83101	20.222	ng/u1	0.00
7) Phenol-d5	6.793	99	97465	19.829	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.940	67	59713	20.677	ng/u1	0.00
11) 2-Chlorophenol-d4	7.140	132	75555	20.988	ng/u1	0.00
15) 4-Methylphenol-d8	8.299	113	82717	20.450	ng/u1	0.00
21) Nitrobenzene-d5	8.734	128	38427	21.135	ng/u1	0.00
24) 2-Nitrophenol-d4	9.446	143	45926	21.188	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.993	165	94571	20.834	ng/u1	0.00
31) 4-Chloroaniline-d4	10.493	131	110225	20.354	ng/u1	0.00
46) Dimethylphthalate-d6	13.622	166	325976	21.060	ng/u1	0.00
49) Acenaphthylene-d8	13.893	160	344741	21.346	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.457	143	45583	19.597	ng/u1	-0.01
60) Fluorene-d10	15.222	176	290243	21.388	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.381	200	64952	19.927	ng/u1	0.01
73) Anthracene-d10	17.122	188	491211	21.321	ng/u1	0.00
81) Pyrene-d10	19.504	212	617223	21.752	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.445	264	742389	21.566	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.176	88	13334	8.343	ng/uL	92
5) Pyridine	3.575	79	84281	20.422	ng/u1	93
6) Benzaldehyde	6.764	77	71094	25.134	ng/u1	98
8) Phenol	6.822	94	104450	20.349	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.034	93	79673	20.656	ng/u1	96
12) 2-Chlorophenol	7.169	128	79095	21.163	ng/u1	95
13) 2-Methylphenol	8.040	108	76268	19.906	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.105	45	91126	20.870	ng/u1	95
16) Acetophenone	8.405	105	140279	20.638	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.387	70	73108	21.541	ng/u1	96
18) 4-Methylphenol	8.363	108	85550	20.215	ng/u1	99
19) Hexachloroethane	8.646	117	37570	20.785	ng/u1	94
22) Nitrobenzene	8.781	77	111109	21.298	ng/u1	97
23) Isophorone	9.299	82	196533	21.068	ng/u1	98
25) 2-Nitrophenol	9.475	139	48108	21.028	ng/u1	96
26) 2,4-Dimethylphenol	9.546	107	105406	21.336	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.763	93	109498	21.334	ng/u1	99
29) 2,4-Dichlorophenol	10.016	162	97048	21.585	ng/u1	98
30) Naphthalene	10.399	128	268444	21.158	ng/u1	99
32) 4-Chloroaniline	10.516	127	105629	20.133	ng/u1	96
33) Hexachlorobutadiene	10.675	225	81691	20.080	ng/u1	97
34) Caprolactam	11.304	113	27585m	20.627	ng/u1	
35) 4-Chloro-3-methylphenol	11.657	107	102857	21.265	ng/u1	95
36) 2-Methylnaphthalene	12.016	142	200608	20.943	ng/u1	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.228	142	202037	20.633	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.393	216	152576	21.044	ng/ul	98
40) Hexachlorocyclopentadiene	12.363	237	71740	18.839	ng/ul	99
41) 2,4,6-Trichlorophenol	12.646	196	94657	21.441	ng/ul	99
42) 2,4,5-Trichlorophenol	12.722	196	103125	21.667	ng/ul	96
43) 1,1'-Biphenyl	13.040	154	293599	21.336	ng/ul	99
44) 2-Chloronaphthalene	13.081	162	239571	21.297	ng/ul	99
45) 2-Nitroaniline	13.298	65	67259	21.294	ng/ul	94
47) Dimethylphthalate	13.675	163	319385	20.923	ng/ul	100
48) 2,6-Dinitrotoluene	13.804	165	64706	21.792	ng/ul	98
50) Acenaphthylene	13.928	152	354779	21.732	ng/ul	100
51) 3-Nitroaniline	14.146	138	57666	22.548	ng/ul	94
52) Acenaphthene	14.275	153	253920	21.424	ng/ul	99
53) 2,4-Dinitrophenol	14.375	184	40669	19.303	ng/ul	95
55) 4-Nitrophenol	14.469	109	55979	20.570	ng/ul	97
56) Dibenzofuran	14.616	168	385604	21.058	ng/ul	98
57) 2,4-Dinitrotoluene	14.598	165	102472	21.653	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.863	232	98826	21.242	ng/ul	97
59) Diethylphthalate	15.057	149	316053	20.935	ng/ul	99
61) Fluorene	15.275	166	318234	21.233	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.263	204	186599	21.144	ng/ul	100
63) 4-Nitroaniline	15.328	138	55903	23.491	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.398	198	70891	20.360	ng/ul	99
67) N-Nitrosodiphenylamine	15.498	169	277161	22.044	ng/ul	100
68) 4-Bromophenyl-phenylether	16.192	248	133773	21.711	ng/ul	99
69) Hexachlorobenzene	16.298	284	168361	21.705	ng/ul	99
70) Atrazine	16.487	200	125842	20.706	ng/ul	99
71) Pentachlorophenol	16.669	266	95391	19.808	ng/ul	98
72) Phenanthrene	17.057	178	548139	21.336	ng/ul	99
74) Anthracene	17.157	178	553729	21.438	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.004	216	155632	21.664	ng/uL	99
76) Pentachlorobenzene	14.534	250	174599	21.285	ng/uL	98
77) Carbazole	17.445	167	474220	21.044	ng/ul	100
78) Di-n-butylphthalate	18.028	149	535513	21.415	ng/ul	100
80) Fluoranthene	19.157	202	723266	22.125	ng/ul	100
82) Pyrene	19.533	202	766596	21.829	ng/ul	99
83) Butylbenzylphthalate	20.486	149	254175	21.983	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.363	252	304301	22.006	ng/ul	99
85) Benzo(a)anthracene	21.433	228	806528	21.441	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.363	149	362909	22.087	ng/ul	97
87) Chrysene	21.504	228	766136	21.646	ng/ul	99
89) Di-n-octyl phthalate	22.592	149	583130	19.889	ng/ul	100
90) Benzo(b)fluoranthene	23.651	252	879180	21.857	ng/ul	100
91) Benzo(k)fluoranthene	23.721	252	867981	21.920	ng/ul#	99
93) Benzo(a)pyrene	24.516	252	797201	21.924	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.333	276	1050094	20.728	ng/ul	98
95) Dibenzo(a,h)anthracene	28.392	278	850008	20.664	ng/ul	99
96) Benzo(g,h,i)perylene	29.456	276	792163	20.587	ng/ul	100

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

