

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120624\
 Data File : BN035466.D
 Acq On : 06 Dec 2024 17:50
 Operator : RC/JU
 Sample : PB165409BS
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SLCS409

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2024

Supervised By :mohammad ahmed 12/13/2024

Supervised By :mohammad
ahmed

12/10/2024

Quant Time: Dec 06 21:17:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN120224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 02 18:25:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.299	152	93619	20.000	ng/u1	0.00
20) Naphthalene-d8	10.046	136	406999	20.000	ng/u1	0.00
38) Acenaphthene-d10	13.957	164	324397	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.722	188	719982	20.000	ng/u1	0.00
79) Chrysene-d12	20.980	240	722513	20.000	ng/u1	0.00
88) Perylene-d12	23.651	264	850685	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.958	96	9915	5.004	ng/uL	0.00
4) Pyridine-d5	3.334	84	148862	28.504	ng/u1	0.00
7) Phenol-d5	6.499	99	195760	29.352	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.657	67	105372	28.331	ng/u1	0.00
11) 2-Chlorophenol-d4	6.840	132	162169	28.694	ng/u1	0.00
15) 4-Methylphenol-d8	8.016	113	171369	29.485	ng/u1	0.00
21) Nitrobenzene-d5	8.434	128	78688	29.758	ng/u1	0.00
24) 2-Nitrophenol-d4	9.146	143	95044	31.054	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.681	165	203928	30.486	ng/u1	0.00
31) 4-Chloroaniline-d4	10.193	131	194225	23.514	ng/u1	0.00
46) Dimethylphthalate-d6	13.387	166	666140	28.598	ng/u1	0.00
49) Acenaphthylene-d8	13.645	160	724521	28.244	ng/u1	0.00
54) 4-Nitrophenol-d4	14.198	143	120631	31.450	ng/u1	0.00
60) Fluorene-d10	14.969	176	583568	29.011	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.104	200	125645	33.090	ng/u1	0.00
73) Anthracene-d10	16.822	188	895099	28.187	ng/u1	0.00
81) Pyrene-d10	19.145	212	1069069	28.015	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.468	264	1217246	29.550	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.993	88	21260	9.570	ng/uL	97
5) Pyridine	3.352	79	154434	29.489	ng/u1	95
6) Benzaldehyde	6.457	77	25841	7.183	ng/u1	97
8) Phenol	6.528	94	201138	29.119	ng/u1	96
10) Bis(2-Chloroethyl)ether	6.746	93	151098	27.942	ng/u1	99
12) 2-Chlorophenol	6.869	128	163514	27.801	ng/u1	98
13) 2-Methylphenol	7.746	108	154971	28.895	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	7.822	45	117077	27.393	ng/u1	96
16) Acetophenone	8.110	105	260563	28.387	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.110	70	121853	27.924	ng/u1	99
18) 4-Methylphenol	8.075	108	176430	29.606	ng/u1	99
19) Hexachloroethane	8.346	117	66869	26.611	ng/u1	95
22) Nitrobenzene	8.475	77	192206	28.939	ng/u1	99
23) Isophorone	9.004	82	369009	27.725	ng/u1	98
25) 2-Nitrophenol	9.181	139	102991	29.701	ng/u1	98
26) 2,4-Dimethylphenol	9.257	107	186836	26.881	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.493	93	219091	27.023	ng/u1	99
29) 2,4-Dichlorophenol	9.704	162	200687	29.650	ng/u1	96
30) Naphthalene	10.093	128	554958	26.830	ng/u1	100
32) 4-Chloroaniline	10.216	127	94953	12.000	ng/u1	98
33) Hexachlorobutadiene	10.387	225	130396	27.297	ng/u1	99
34) Caprolactam	10.993	113	56072m	28.671	ng/u1	
35) 4-Chloro-3-methylphenol	11.363	107	209365	29.694	ng/u1	97
36) 2-Methylnaphthalene	11.722	142	425468	27.623	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	11.945	142	425784	26.965	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.104	216	262829	27.492	ng/ul	99
40) Hexachlorocyclopentadiene	12.087	237	128400	26.735	ng/ul	93
41) 2,4,6-Trichlorophenol	12.363	196	175196	28.259	ng/ul	94
42) 2,4,5-Trichlorophenol	12.434	196	195550	28.310	ng/ul	96
43) 1,1'-Biphenyl	12.775	154	607063	27.115	ng/ul	96
44) 2-Chloronaphthalene	12.810	162	481797	26.905	ng/ul	98
45) 2-Nitroaniline	13.034	65	115287	32.756	ng/ul	92
47) Dimethylphthalate	13.439	163	656341	28.166	ng/ul	98
48) 2,6-Dinitrotoluene	13.551	165	125582	32.334	ng/ul	98
50) Acenaphthylene	13.675	152	748658	27.458	ng/ul	99
51) 3-Nitroaniline	13.875	138	93730	23.302	ng/ul	96
52) Acenaphthene	14.022	153	538999	27.466	ng/ul	98
53) 2,4-Dinitrophenol	14.086	184	83792	30.887	ng/ul	98
55) 4-Nitrophenol	14.210	109	110776	30.579	ng/ul	95
56) Dibenzofuran	14.363	168	773347	27.716	ng/ul	97
57) 2,4-Dinitrotoluene	14.345	165	199711	32.404	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.604	232	165770	27.549	ng/ul	96
59) Diethylphthalate	14.828	149	658486	28.914	ng/ul	99
61) Fluorene	15.022	166	616136	27.411	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.034	204	317417	27.637	ng/ul	98
63) 4-Nitroaniline	15.057	138	131509m	33.711	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.122	198	132992	32.326	ng/ul#	99
67) N-Nitrosodiphenylamine	15.251	169	551247	28.819	ng/ul	98
68) 4-Bromophenyl-phenylether	15.928	248	204754	28.121	ng/ul	96
69) Hexachlorobenzene	16.033	284	239781	27.742	ng/ul	98
70) Atrazine	16.222	200	883	0.129	ng/ul	96
71) Pentachlorophenol	16.381	266	157141	28.637	ng/ul	98
72) Phenanthrene	16.769	178	1024193	27.629	ng/ul	98
74) Anthracene	16.857	178	1027709	27.459	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.728	216	259522	27.186	ng/uL	98
76) Pentachlorobenzene	14.281	250	280743	28.568	ng/uL	97
77) Carbazole	17.139	167	935304	30.031	ng/ul	99
78) Di-n-butylphthalate	17.733	149	1077005	29.707	ng/ul	100
80) Fluoranthene	18.804	202	1250369	27.918	ng/ul	99
82) Pyrene	19.174	202	1326175	27.611	ng/ul	98
83) Butylbenzylphthalate	20.127	149	428857	31.680	ng/ul	99
84) 3,3'-Dichlorobenzidine	20.904	252	203933	15.831	ng/ul	99
85) Benzo(a)anthracene	20.963	228	1326022	27.338	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	20.933	149	666238	31.212	ng/ul	98
87) Chrysene	21.016	228	1265897	27.087	ng/ul	98
89) Di-n-octyl phthalate	21.963	149	1199043	31.008	ng/ul	100
90) Benzo(b)fluoranthene	22.815	252	1400745	28.567	ng/ul	100
91) Benzo(k)fluoranthene	22.874	252	1400745	27.897	ng/ul	99
93) Benzo(a)pyrene	23.527	252	1286465	27.954	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.598	276	1578353	28.752	ng/ul	99
95) Dibenzo(a,h)anthracene	26.645	278	1272942	28.620	ng/ul	98
96) Benzo(g,h,i)perylene	27.503	276	1191308	28.593	ng/ul	98

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

