

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120624\
 Data File : BN035481.D
 Acq On : 07 Dec 2024 04:12
 Operator : RC/JU
 Sample : PB165443BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SLCS443

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/09/2024

Supervised By :mohammad ahmed 12/13/2024

12/09/2024

Supervised By :mohammad
ahmed

12/10/2024

Quant Time: Dec 07 04:43:00 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	7.293	152	106042	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.045	136	461478	20.000	ng/u1	0.00
38) Acenaphthene-d10	13.957	164	367938	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.727	188	807446	20.000	ng/u1	0.00
79) Chrysene-d12	20.980	240	775985	20.000	ng/u1	0.00
88) Perylene-d12	23.650	264	888370	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.957	96	12160	5.418	ng/uL	0.00
4) Pyridine-d5	3.340	84	170043	28.745	ng/u1	0.00
7) Phenol-d5	6.504	99	252162	33.380	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.657	67	120750	28.662	ng/u1	0.00
11) 2-Chlorophenol-d4	6.840	132	207002	32.336	ng/u1	0.00
15) 4-Methylphenol-d8	8.016	113	210405	31.960	ng/u1	0.00
21) Nitrobenzene-d5	8.434	128	92409	30.822	ng/u1	0.00
24) 2-Nitrophenol-d4	9.145	143	110312	31.787	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.681	165	246060	32.442	ng/u1	0.00
31) 4-Chloroaniline-d4	10.198	131	184568	19.707	ng/u1	0.00
46) Dimethylphthalate-d6	13.386	166	749253	28.360	ng/u1	0.00
49) Acenaphthylene-d8	13.645	160	820724	28.208	ng/u1	0.00
54) 4-Nitrophenol-d4	14.198	143	136160	31.298	ng/u1	0.00
60) Fluorene-d10	14.969	176	638508	27.986	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.104	200	137623	32.318	ng/u1	0.00
73) Anthracene-d10	16.821	188	997269	28.003	ng/u1	0.00
81) Pyrene-d10	19.145	212	1170780	28.566	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.474	264	1247943	29.010	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.987	88	25153	9.996	ng/uL#	96
5) Pyridine	3.357	79	164380	27.711	ng/u1	99
6) Benzaldehyde	6.457	77	20959	5.144	ng/u1	97
8) Phenol	6.528	94	261430	33.414	ng/u1	96
10) Bis(2-Chloroethyl)ether	6.745	93	176811	28.866	ng/u1	98
12) 2-Chlorophenol	6.869	128	213943	32.114	ng/u1	98
13) 2-Methylphenol	7.751	108	195975	32.260	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	7.822	45	136902	28.279	ng/u1	96
16) Acetophenone	8.110	105	304105	29.249	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.110	70	144491	29.232	ng/u1	98
18) 4-Methylphenol	8.081	108	221462	32.809	ng/u1	97
19) Hexachloroethane	8.345	117	77512	27.233	ng/u1	97
22) Nitrobenzene	8.475	77	227920	30.265	ng/u1	99
23) Isophorone	9.004	82	431148	28.570	ng/u1	99
25) 2-Nitrophenol	9.175	139	122074	31.048	ng/u1	99
26) 2,4-Dimethylphenol	9.257	107	241270	30.615	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.492	93	259744	28.255	ng/u1	98
29) 2,4-Dichlorophenol	9.710	162	248297	32.353	ng/u1	96
30) Naphthalene	10.092	128	646303	27.558	ng/u1	99
32) 4-Chloroaniline	10.222	127	81771	9.114	ng/u1	100
33) Hexachlorobutadiene	10.386	225	151348	27.943	ng/u1	98
34) Caprolactam	11.004	113	68598m	30.935	ng/u1	
35) 4-Chloro-3-methylphenol	11.369	107	252464	31.580	ng/u1	98
36) 2-Methylnaphthalene	11.722	142	500055	28.633	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	11.945	142	492322	27.498	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.104	216	301099	27.768	ng/ul	96
40) Hexachlorocyclopentadiene	12.086	237	146880	26.963	ng/ul	92
41) 2,4,6-Trichlorophenol	12.363	196	208662	29.675	ng/ul	96
42) 2,4,5-Trichlorophenol	12.439	196	236177	30.146	ng/ul	97
43) 1,1'-Biphenyl	12.775	154	708603	27.905	ng/ul	97
44) 2-Chloronaphthalene	12.810	162	557030	27.425	ng/ul	99
45) 2-Nitroaniline	13.033	65	136933	34.302	ng/ul	93
47) Dimethylphthalate	13.439	163	764768	28.935	ng/ul	99
48) 2,6-Dinitrotoluene	13.551	165	151164	34.315	ng/ul	99
50) Acenaphthylene	13.675	152	866128	28.008	ng/ul	100
51) 3-Nitroaniline	13.875	138	100900	22.116	ng/ul	99
52) Acenaphthene	14.022	153	628013	28.215	ng/ul	99
53) 2,4-Dinitrophenol	14.086	184	98753	32.094	ng/ul	96
55) 4-Nitrophenol	14.216	109	129467	31.509	ng/ul	94
56) Dibenzofuran	14.363	168	891152	28.158	ng/ul	96
57) 2,4-Dinitrotoluene	14.351	165	230535	32.979	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.604	232	198223	29.044	ng/ul#	96
59) Diethylphthalate	14.827	149	765777	29.646	ng/ul	99
61) Fluorene	15.022	166	716684	28.111	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.033	204	365202	28.035	ng/ul	99
63) 4-Nitroaniline	15.057	138	147545m	33.346	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.121	198	153512	33.272	ng/ul#	98
67) N-Nitrosodiphenylamine	15.251	169	639078	29.792	ng/ul	99
68) 4-Bromophenyl-phenylether	15.927	248	250943	30.731	ng/ul	99
69) Hexachlorobenzene	16.033	284	289221	29.838	ng/ul	98
70) Atrazine	16.233	200	1468	0.192	ng/ul	94
71) Pentachlorophenol	16.380	266	191540	31.124	ng/ul	98
72) Phenanthrene	16.768	178	1172378	28.201	ng/ul	99
74) Anthracene	16.857	178	1174619	27.984	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	12.728	216	300794	28.096	ng/ul	98
76) Pentachlorobenzene	14.286	250	322186	29.234	ng/ul	99
77) Carbazole	17.139	167	1067605	30.566	ng/ul	99
78) Di-n-butylphthalate	17.733	149	1245774	30.640	ng/ul	99
80) Fluoranthene	18.804	202	1421105	29.544	ng/ul	99
82) Pyrene	19.174	202	1491491	28.913	ng/ul	99
83) Butylbenzylphthalate	20.127	149	501177	34.471	ng/ul	99
84) 3,3'-Dichlorobenzidine	20.904	252	110277	7.971	ng/ul	98
85) Benzo(a)anthracene	20.962	228	1464912	28.120	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	20.939	149	767470	33.477	ng/ul	100
87) Chrysene	21.015	228	1394338	27.779	ng/ul	98
89) Di-n-octyl phthalate	21.962	149	1364348	33.786	ng/ul	100
90) Benzo(b)fluoranthene	22.815	252	1489326	29.085	ng/ul	99
91) Benzo(k)fluoranthene	22.874	252	1520779	29.003	ng/ul	100
93) Benzo(a)pyrene	23.527	252	1384462	28.807	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.597	276	1606170	28.018	ng/ul	99
95) Dibenzo(a,h)anthracene	26.650	278	1304398	28.083	ng/ul	99
96) Benzo(g,h,i)perylene	27.503	276	1197558	27.523	ng/ul	99

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

