Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093024\
Data File : BP022120.D
Acq On : 30 Sep 2024 20:05
Operator : RC/JU
Sample : P4022-03MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DDC70MS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 10/01/2024
Supervised By :mohammad ahmed 10/02/2024

Quant Time: Oct 01 01:26:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 24 15:23:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	125208	20.000	ng/ul	0.00
20) Naphthalene-d8	10.463	136	480942	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.304	164	374785	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.116	188	855178	20.000	ng/ul	0.00
79) Chrysene-d12	21.539	240	975799	20.000	ng/ul	0.00
88) Perylene-d12	24.827	264	1164636	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	11810	3.695	ng/uL	0.00
4) Pyridine-d5	3.640	84	64736	7.085	ng/ul	0.00
7) Phenol-d5	6.916	99	95476	9.322	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.040	67	176639	28.008	ng/ul	0.00
11) 2-Chlorophenol-d4	7.252	132	209560	28.279	ng/ul	0.00
15) 4-Methylphenol-d8	8.410	113	161677	19.921	ng/ul	0.00
21) Nitrobenzene-d5	8.846	128	113765	31.604	ng/ul	0.00
24) 2-Nitrophenol-d4	9.552	143	132711	32.515	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.099	165	279622	31.547	ng/ul	0.00
31) 4-Chloroaniline-d4	10.610	131	114441	10.821	ng/ul	0.00
46) Dimethylphthalate-d6	13.734	166	921194	31.797	ng/ul	0.01
49) Acenaphthylene-d8	13.998	160	965676	31.483	ng/ul	0.00
54) 4-Nitrophenol-d4	14.539	143	51870	10.467	ng/ul	0.01
60) Fluorene-d10	15.316	176	803837	31.367	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.451	200	211050	39.751	ng/ul	0.00
73) Anthracene-d10	17.228	188	1332090	33.366	ng/ul	0.01
81) Pyrene-d10	19.580	212	1724133	34.105	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.592	264	2087781	34.083	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	16757	4.839	ng/uL	97
5) Pyridine	3.658	79	76838	8.277	ng/ul	98
6) Benzaldehyde	6.858	77	288612	49.813	ng/ul#	2
8) Phenol	6.940	94	106262	9.942	ng/ul#	43
10) Bis(2-Chloroethyl)ether	7.134	93	238041	29.097	ng/ul	98
12) 2-Chlorophenol	7.287	128	218159	28.398	ng/ul	95
13) 2-Methylphenol	8.152	108	177118	22.848	ng/ul	89
14) 2,2'-oxybis(1-Chloropr...	8.216	45	203067	26.758	ng/ul	95
16) Acetophenone	8.499	105	961820	71.246	ng/ul#	45
17) N-Nitroso-di-n-propyla...	8.499	70	200580	28.660	ng/ul#	93
18) 4-Methylphenol	8.475	108	176431	20.871	ng/ul	100
19) Hexachloroethane	8.769	117	188670m	52.026	ng/ul	
22) Nitrobenzene	8.887	77	327714	29.777	ng/ul	97
23) Isophorone	9.410	82	1084160	56.872	ng/ul	97
25) 2-Nitrophenol	9.581	139	140148	32.092	ng/ul	93
26) 2,4-Dimethylphenol	9.657	107	269716	27.263	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.875	93	325505	29.622	ng/ul	98
29) 2,4-Dichlorophenol	10.122	162	302542	34.356	ng/ul	99
30) Naphthalene	10.510	128	1817624	71.826	ng/ul	100
32) 4-Chloroaniline	10.634	127	76982	7.350	ng/ul	99
33) Hexachlorobutadiene	10.793	225	221426	28.321	ng/ul	97
34) Caprolactam	11.551	113	20248m	7.580	ng/ul	
35) 4-Chloro-3-methylphenol	11.751	107	295743	31.043	ng/ul	99
36) 2-Methylnaphthalene	12.122	142	1393666	74.107	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.334	142	1076310	56.748	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.493	216	415296	29.887	ng/ul	98
40) Hexachlorocyclopentadiene	12.469	237	228820	26.180	ng/ul	99
41) 2,4,6-Trichlorophenol	12.740	196	359737	43.307	ng/ul	99
42) 2,4,5-Trichlorophenol	12.810	196	332494	36.963	ng/ul	97
43) 1,1'-Biphenyl	13.134	154	877758	32.751	ng/ul	98
44) 2-Chloronaphthalene	13.175	162	661509	30.655	ng/ul	99
45) 2-Nitroaniline	13.387	65	219136	35.120	ng/ul	92
47) Dimethylphthalate	13.775	163	904828	31.095	ng/ul	99
48) 2,6-Dinitrotoluene	13.881	165	192153	34.446	ng/ul	98
50) Acenaphthylene	14.028	152	1022806	31.976	ng/ul	98
51) 3-Nitroaniline	14.216	138	84103	16.560	ng/ul	99
52) Acenaphthene	14.369	153	727458	31.300	ng/ul	97
53) 2,4-Dinitrophenol	14.434	184	128635	33.890	ng/ul	98
55) 4-Nitrophenol	14.557	109	63284	11.288	ng/ul	87
56) Dibenzofuran	14.716	168	1085434	31.413	ng/ul	98
57) 2,4-Dinitrotoluene	14.681	165	284579	33.103	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.969	232	9419759	1087.887	ng/ul	96
59) Diethylphthalate	15.151	149	898818	31.211	ng/ul	98
61) Fluorene	15.369	166	921618	32.072	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.369	204	498472	30.130	ng/ul	96
63) 4-Nitroaniline	15.404	138	90488	17.506	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.463	198	272269	47.103	ng/ul	98
67) N-Nitrosodiphenylamine	15.581	169	763103	33.880	ng/ul	98
68) 4-Bromophenyl-phenylether	16.281	248	358409	34.900	ng/ul	99
69) Hexachlorobenzene	16.398	284	435929	34.959	ng/ul	96
70) Atrazine	16.610	200	181870	18.101	ng/ul	96
71) Pentachlorophenol	16.828	266	28292551m	3400.637	ng/ul	
72) Phenanthrene	17.163	178	1558341	34.755	ng/ul	100
74) Anthracene	17.263	178	1485661	32.559	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.104	216	403717	31.459	ng/uL	97
76) Pentachlorobenzene	14.628	250	448772	31.800	ng/uL	98
77) Carbazole	17.533	167	1329156	33.051	ng/ul	99
78) Di-n-butylphthalate	18.110	149	1584702	34.179	ng/ul	99
80) Fluoranthene	19.233	202	1968049	34.060	ng/ul	98
82) Pyrene	19.616	202	2084911	33.522	ng/ul#	96
83) Butylbenzylphthalate	20.563	149	764668	35.277	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.445	252	35475	1.588	ng/ul	99
85) Benzo(a)anthracene	21.521	228	2187285	32.526	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.457	149	1092754	34.360	ng/ul	99
87) Chrysene	21.586	228	2035012	32.244	ng/ul	99
89) Di-n-octyl phthalate	22.704	149	1845232	32.072	ng/ul	100
90) Benzo(b)fluoranthene	23.780	252	2517087	34.816	ng/ul	99
91) Benzo(k)fluoranthene	23.851	252	2322554	32.232	ng/ul	99
93) Benzo(a)pyrene	24.662	252	2087650	31.338	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.539	276	2922709	33.648	ng/ul	99
95) Dibenzo(a,h)anthracene	28.615	278	2356091m	33.672	ng/ul	
96) Benzo(g,h,i)perylene	29.703	276	2286695	33.928	ng/ul	99

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

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