Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092424\
Data File : BP022026.D
Acq On : 25 Sep 2024 12:41
Operator : RC/JU
Sample : PB163539BS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS539

Quant Time: Sep 25 13:23:24 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	7.710	152	120977	20.000	ng/ul	0.00
20) Naphthalene-d8	10.469	136	439587	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.316	164	341014	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.110	188	824046	20.000	ng/ul	0.00
79) Chrysene-d12	21.539	240	980557	20.000	ng/ul	0.00
88) Perylene-d12	24.827	264	1115495	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	18484	5.985	ng/uL	0.00
4) Pyridine-d5	3.634	84	254326	28.808	ng/ul	0.00
7) Phenol-d5	6.893	99	307408	31.064	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	189554	31.107	ng/ul	0.00
11) 2-Chlorophenol-d4	7.252	132	239628	33.468	ng/ul	0.00
15) 4-Methylphenol-d8	8.410	113	247661	31.583	ng/ul	0.00
21) Nitrobenzene-d5	8.846	128	113647	34.542	ng/ul	0.00
24) 2-Nitrophenol-d4	9.563	143	132839	35.609	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	282568	34.879	ng/ul	0.00
31) 4-Chloroaniline-d4	10.599	131	302822	31.327	ng/ul	0.00
46) Dimethylphthalate-d6	13.722	166	885877	33.606	ng/ul	0.00
49) Acenaphthylene-d8	14.004	160	941433	33.732	ng/ul	0.00
54) 4-Nitrophenol-d4	14.534	143	150593	33.398	ng/ul	0.00
60) Fluorene-d10	15.316	176	770203	33.031	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.451	200	164867	32.225	ng/ul	0.00
73) Anthracene-d10	17.222	188	1291576	33.574	ng/ul	0.00
81) Pyrene-d10	19.586	212	1731993	34.094	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.598	264	2027662	34.560	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.258	88	39033	11.667	ng/uL	99
5) Pyridine	3.652	79	252945	28.201	ng/ul	97
6) Benzaldehyde	6.863	77	202036	36.090	ng/ul	98
8) Phenol	6.922	94	318892	30.878	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.140	93	246748	31.217	ng/ul	99
12) 2-Chlorophenol	7.281	128	238813	32.174	ng/ul	99
13) 2-Methylphenol	8.146	108	233869	31.224	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.222	45	230629	31.452	ng/ul	96
16) Acetophenone	8.516	105	404322	30.997	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.505	70	210532	31.134	ng/ul	97
18) 4-Methylphenol	8.469	108	253063	30.983	ng/ul	100
19) Hexachloroethane	8.769	117	114041	32.547	ng/ul	90
22) Nitrobenzene	8.893	77	334260	33.229	ng/ul	98
23) Isophorone	9.410	82	578903	33.225	ng/ul	99
25) 2-Nitrophenol	9.593	139	141030	35.332	ng/ul	99
26) 2,4-Dimethylphenol	9.657	107	245795	27.183	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.881	93	335002	33.354	ng/ul	99
29) 2,4-Dichlorophenol	10.122	162	275067	34.174	ng/ul	99
30) Naphthalene	10.516	128	759628	32.842	ng/ul	99
32) 4-Chloroaniline	10.622	127	277107	28.945	ng/ul	100
33) Hexachlorobutadiene	10.804	225	237094	33.178	ng/ul	98
34) Caprolactam	11.398	113	86625	35.479	ng/ul	93
35) 4-Chloro-3-methylphenol	11.757	107	294141	33.779	ng/ul	98
36) 2-Methylnaphthalene	12.122	142	565771	32.915	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.345	142	566768	32.694	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.493	216	420091	33.226	ng/ul#	97
40) Hexachlorocyclopentadiene	12.475	237	230910	29.035	ng/ul	99
41) 2,4,6-Trichlorophenol	12.740	196	261444	34.591	ng/ul	99
42) 2,4,5-Trichlorophenol	12.810	196	289778	35.405	ng/ul	99
43) 1,1'-Biphenyl	13.145	154	803862	32.964	ng/ul	98
44) 2-Chloronaphthalene	13.181	162	651828	33.198	ng/ul	98
45) 2-Nitroaniline	13.387	65	197882	34.854	ng/ul	95
47) Dimethylphthalate	13.775	163	867830	32.777	ng/ul	100
48) 2,6-Dinitrotoluene	13.887	165	177269	34.925	ng/ul	97
50) Acenaphthylene	14.040	152	949980	32.640	ng/ul	99
51) 3-Nitroaniline	14.222	138	158177	34.229	ng/ul	98
52) Acenaphthene	14.387	153	678274	32.073	ng/ul	98
53) 2,4-Dinitrophenol	14.434	184	98834	28.617	ng/ul	95
55) 4-Nitrophenol	14.545	109	167654	32.865	ng/ul	98
56) Dibenzofuran	14.716	168	1018619	32.398	ng/ul	99
57) 2,4-Dinitrotoluene	14.681	165	271867	34.757	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.951	232	266250	33.794	ng/ul	100
59) Diethylphthalate	15.157	149	878703	33.534	ng/ul	99
61) Fluorene	15.381	166	840773	32.156	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.369	204	491328	32.639	ng/ul	98
63) 4-Nitroaniline	15.392	138	174299	37.059	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.469	198	179844	32.289	ng/ul#	98
67) N-Nitrosodiphenylamine	15.592	169	738702	34.035	ng/ul	100
68) 4-Bromophenyl-phenylether	16.286	248	340246	34.383	ng/ul	98
69) Hexachlorobenzene	16.398	284	408524	33.999	ng/ul	97
70) Atrazine	16.569	200	302762	31.271	ng/ul	98
71) Pentachlorophenol	16.757	266	264402	32.981	ng/ul	98
72) Phenanthrene	17.157	178	1433387	33.176	ng/ul	99
74) Anthracene	17.257	178	1442408	32.806	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.104	216	409312	33.100	ng/uL	97
76) Pentachlorobenzene	14.639	250	438887	32.274	ng/uL	98
77) Carbazole	17.528	167	1318423	34.023	ng/ul	100
78) Di-n-butylphthalate	18.122	149	1594256	35.684	ng/ul	99
80) Fluoranthene	19.239	202	1993980	34.341	ng/ul	100
82) Pyrene	19.616	202	2104995	33.680	ng/ul	98
83) Butylbenzylphthalate	20.569	149	784589	36.021	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.445	252	746646	33.256	ng/ul	97
85) Benzo(a)anthracene	21.521	228	2254072	33.356	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.463	149	1164134	36.427	ng/ul	100
87) Chrysene	21.592	228	2093642	33.012	ng/ul	99
89) Di-n-octyl phthalate	22.716	149	1993136	36.169	ng/ul	100
90) Benzo(b)fluoranthene	23.792	252	2331345	33.667	ng/ul	99
91) Benzo(k)fluoranthene	23.857	252	2347806	34.018	ng/ul	99
93) Benzo(a)pyrene	24.668	252	2169399	33.999	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.551	276	2766326	33.251	ng/ul	99
95) Dibenzo(a,h)anthracene	28.615	278	2219716	33.120	ng/ul	97
96) Benzo(g,h,i)perylene	29.703	276	2146388	33.249	ng/ul	98

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

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