Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122723\
Data File : BP019121.D
Acq On : 27 Dec 2023 18:57
Operator : MA/JU
Sample : PB157922BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS922

Quant Time: Dec 28 03:44:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 28 03:15:29 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	143606	20.000	ng/ul	0.00
20) Naphthalene-d8	10.604	136	537310	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.451	164	315252	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.210	188	708115	20.000	ng/ul	0.00
79) Chrysene-d12	21.316	240	791709	20.000	ng/ul	0.00
88) Perylene-d12	23.680	264	955490	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	27756	6.601	ng/uL	0.00
4) Pyridine-d5	3.652	84	349716	33.136	ng/ul	0.00
7) Phenol-d5	6.987	99	415319	32.250	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.146	67	252307	33.866	ng/ul	0.00
11) 2-Chlorophenol-d4	7.340	132	332374	32.014	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	316994	31.616	ng/ul	0.00
21) Nitrobenzene-d5	8.975	128	154795	33.327	ng/ul	0.00
24) 2-Nitrophenol-d4	9.693	143	170367	33.939	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	338590	33.403	ng/ul	0.00
31) 4-Chloroaniline-d4	10.751	131	398512	31.963	ng/ul	0.00
46) Dimethylphthalate-d6	13.869	166	888028	31.891	ng/ul	0.00
49) Acenaphthylene-d8	14.145	160	1022981	33.858	ng/ul	0.00
54) 4-Nitrophenol-d4	14.669	143	157010	33.392	ng/ul	0.00
60) Fluorene-d10	15.445	176	777474	32.319	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.581	200	155099	33.411	ng/ul	0.00
73) Anthracene-d10	17.310	188	1183673	32.009	ng/ul	0.00
81) Pyrene-d10	19.557	212	1525022	31.607	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.533	264	1878580	34.205	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.270	88	55097	11.918	ng/uL	99
5) Pyridine	3.669	79	352251	32.882	ng/ul	94
6) Benzaldehyde	6.952	77	223287	37.342	ng/ul	97
8) Phenol	7.010	94	425885	33.481	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.240	93	351093	34.113	ng/ul	99
12) 2-Chlorophenol	7.369	128	340629	32.056	ng/ul	98
13) 2-Methylphenol	8.263	108	310618	33.010	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.334	45	428311	35.278	ng/ul	99
16) Acetophenone	8.640	105	499051	33.234	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.628	70	236952	31.645	ng/ul	99
18) 4-Methylphenol	8.593	108	332647	32.842	ng/ul	99
19) Hexachloroethane	8.881	117	147159	33.017	ng/ul	99
22) Nitrobenzene	9.016	77	383026	33.754	ng/ul	99
23) Isophorone	9.546	82	670010	32.743	ng/ul	99
25) 2-Nitrophenol	9.722	139	183386	34.216	ng/ul	99
26) 2,4-Dimethylphenol	9.793	107	301812	31.986	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.028	93	445269	32.923	ng/ul	99
29) 2,4-Dichlorophenol	10.257	162	330105	33.326	ng/ul	100
30) Naphthalene	10.657	128	1044286	32.236	ng/ul	100
32) 4-Chloroaniline	10.775	127	357454	29.878	ng/ul	99
33) Hexachlorobutadiene	10.934	225	256344	33.627	ng/ul	98
34) Caprolactam	11.563	113	86184	32.940	ng/ul	99
35) 4-Chloro-3-methylphenol	11.904	107	319256	32.833	ng/ul	99
36) 2-Methylnaphthalene	12.269	142	706954	32.367	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.493	142	691050	31.375	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.640	216	446453	34.385	ng/ul	99
40) Hexachlorocyclopentadiene	12.616	237	246673	34.228	ng/ul	99
41) 2,4,6-Trichlorophenol	12.887	196	266968	34.454	ng/ul	100
42) 2,4,5-Trichlorophenol	12.957	196	285996	34.771	ng/ul	100
43) 1,1'-Biphenyl	13.287	154	914637	33.259	ng/ul	98
44) 2-Chloronaphthalene	13.328	162	744841	33.755	ng/ul	99
45) 2-Nitroaniline	13.540	65	185721	35.059	ng/ul	95
47) Dimethylphthalate	13.916	163	890635	32.402	ng/ul	99
48) 2,6-Dinitrotoluene	14.040	165	174385	34.526	ng/ul	99
50) Acenaphthylene	14.175	152	1142050	33.596	ng/ul	99
51) 3-Nitroaniline	14.369	138	158593	32.118	ng/ul	97
52) Acenaphthene	14.516	153	754344	32.741	ng/ul	100
53) 2,4-Dinitrophenol	14.581	184	98840	30.375	ng/ul	96
55) 4-Nitrophenol	14.687	109	129227	34.389	ng/ul	100
56) Dibenzofuran	14.851	168	1073748	32.635	ng/ul	97
57) 2,4-Dinitrotoluene	14.828	165	256202	34.490	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.081	232	245812	34.206	ng/ul#	99
59) Diethylphthalate	15.287	149	873287	32.768	ng/ul	99
61) Fluorene	15.504	166	856703	32.532	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.504	204	465957	32.400	ng/ul	99
63) 4-Nitroaniline	15.534	138	168035	33.823	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.592	198	165529	33.678	ng/ul	98
67) N-Nitrosodiphenylamine	15.722	169	723166	33.462	ng/ul	100
68) 4-Bromophenyl-phenylether	16.398	248	298960	33.968	ng/ul	98
69) Hexachlorobenzene	16.510	284	361236	33.585	ng/ul	99
70) Atrazine	16.681	200	271203	44.466	ng/ul	99
71) Pentachlorophenol	16.857	266	216387	34.266	ng/ul	97
72) Phenanthrene	17.251	178	1400735	32.641	ng/ul	99
74) Anthracene	17.345	178	1385675	32.435	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.245	216	435954	35.408	ng/uL	98
76) Pentachlorobenzene	14.769	250	411484	33.633	ng/uL	99
77) Carbazole	17.622	167	1264054	35.571	ng/ul	100
78) Di-n-butylphthalate	18.180	149	1525985	34.624	ng/ul	99
80) Fluoranthene	19.227	202	1784600	32.232	ng/ul	100
82) Pyrene	19.580	202	1856805	32.009	ng/ul	99
83) Butylbenzylphthalate	20.469	149	721894	34.839	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.239	252	661994	33.426	ng/ul	99
85) Benzo(a)anthracene	21.298	228	2068648	33.070	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.227	149	1099146	36.023	ng/ul	99
87) Chrysene	21.351	228	1928576	33.064	ng/ul	99
89) Di-n-octyl phthalate	22.145	149	1978317	36.206	ng/ul	100
90) Benzo(b)fluoranthene	22.963	252	2294685	34.190	ng/ul	99
91) Benzo(k)fluoranthene	23.010	252	2210494	33.518	ng/ul	100
93) Benzo(a)pyrene	23.580	252	2160940	34.209	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.139	276	2808831	34.687	ng/ul	98
95) Dibenzo(a,h)anthracene	26.162	278	2362001	35.063	ng/ul	99
96) Benzo(g,h,i)perylene	26.898	276	2282348	35.171	ng/ul	98

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

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