Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092223\
Data File : BP017287.D
Acq On : 22 Sep 2023 15:26
Operator : MA/JU
Sample : PB155613BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS613

Quant Time: Sep 22 16:26:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 21 23:51:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	140374	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.757	136	571791	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.598	164	345650	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.369	188	770671	20.000	ng/ul	0.00
79) Chrysene-d12	21.480	240	756635	20.000	ng/ul	0.00
88) Perylene-d12	23.998	264	837157	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	28803	8.428	ng/uL	-0.01
4) Pyridine-d5	3.728	84	403188	42.200	ng/ul	-0.01
7) Phenol-d5	7.087	99	494143	42.861	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.269	67	284754	40.927	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.452	132	401804	43.942	ng/ul	-0.01
15) 4-Methylphenol-d8	8.646	113	376432	41.998	ng/ul	-0.01
21) Nitrobenzene-d5	9.128	128	184658	44.671	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.840	143	206864	46.088	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.369	165	383424	45.215	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.922	131	507124	41.284	ng/ul	0.00
46) Dimethylphthalate-d6	14.010	166	1087423	43.916	ng/ul	0.00
49) Acenaphthylene-d8	14.298	160	1249600	43.879	ng/ul	0.00
54) 4-Nitrophenol-d4	14.828	143	202100	46.849	ng/ul	0.00
60) Fluorene-d10	15.593	176	948800	44.509	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.728	200	174593	40.195	ng/ul	0.00
73) Anthracene-d10	17.469	188	1507280	44.099	ng/ul	0.00
81) Pyrene-d10	19.710	212	1833843	44.819	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.839	264	1846505	45.811	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	60700	17.343	ng/uL	91
5) Pyridine	3.746	79	384782	38.794	ng/ul	99
6) Benzaldehyde	7.087	77	249020	42.326	ng/ul	96
8) Phenol	7.111	94	504818	43.535	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.364	93	404482	43.153	ng/ul	98
12) 2-Chlorophenol	7.481	128	420844	45.321	ng/ul	98
13) 2-Methylphenol	8.375	108	375519	43.765	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.440	45	293880	24.790	ng/ul	99
16) Acetophenone	8.781	105	596566	43.071	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.752	70	292366	42.296	ng/ul	97
18) 4-Methylphenol	8.711	108	401849	43.710	ng/ul	96
19) Hexachloroethane	8.993	117	171019	44.365	ng/ul	96
22) Nitrobenzene	9.169	77	451685	43.063	ng/ul	100
23) Isophorone	9.687	82	828550	44.082	ng/ul	99
25) 2-Nitrophenol	9.875	139	227476	46.770	ng/ul	97
26) 2,4-Dimethylphenol	9.916	107	361695	37.324	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.175	93	517016	42.611	ng/ul	98
29) 2,4-Dichlorophenol	10.399	162	387420	46.337	ng/ul	98
30) Naphthalene	10.805	128	1284001	43.127	ng/ul	99
32) 4-Chloroaniline	10.946	127	487358	41.401	ng/ul	98
33) Hexachlorobutadiene	11.034	225	259495	44.596	ng/ul	98
34) Caprolactam	11.775	113	119093	49.298	ng/ul	87
35) 4-Chloro-3-methylphenol	12.052	107	399244	47.507	ng/ul	98
36) 2-Methylnaphthalene	12.416	142	854318	43.965	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.634	142	838882	42.231	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.763	216	471841	42.536	ng/ul	99
40) Hexachlorocyclopentadiene	12.710	237	196257	31.263	ng/ul	97
41) 2,4,6-Trichlorophenol	13.022	196	311228	46.255	ng/ul	98
42) 2,4,5-Trichlorophenol	13.099	196	336909	47.793	ng/ul	97
43) 1,1'-Biphenyl	13.428	154	1120860	42.741	ng/ul	99
44) 2-Chloronaphthalene	13.475	162	893862	42.993	ng/ul	99
45) 2-Nitroaniline	13.716	65	238839	46.763	ng/ul	92
47) Dimethylphthalate	14.057	163	1129532	45.285	ng/ul	98
48) 2,6-Dinitrotoluene	14.204	165	216861	50.057	ng/ul	93
50) Acenaphthylene	14.328	152	1466194	44.028	ng/ul	99
51) 3-Nitroaniline	14.546	138	227862	48.874	ng/ul	93
52) Acenaphthene	14.663	153	948857	43.144	ng/ul	99
53) 2,4-Dinitrophenol	14.746	184	104083	38.407	ng/ul	97
55) 4-Nitrophenol	14.845	109	164636	48.851	ng/ul	94
56) Dibenzofuran	14.998	168	1329834	44.154	ng/ul	99
57) 2,4-Dinitrotoluene	14.993	165	328221	51.433	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.216	232	289167	48.343	ng/ul	96
59) Diethylphthalate	15.416	149	1136844	47.146	ng/ul	99
61) Fluorene	15.651	166	1107153	45.245	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.640	204	554550	44.715	ng/ul	99
63) 4-Nitroaniline	15.716	138	222387	53.445	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.745	198	195801	41.786	ng/ul	95
67) N-Nitrosodiphenylamine	15.869	169	929278	43.837	ng/ul	99
68) 4-Bromophenyl-phenylether	16.545	248	348095	44.960	ng/ul	99
69) Hexachlorobenzene	16.628	284	404839	45.061	ng/ul	97
70) Atrazine	16.828	200	332774	43.817	ng/ul	98
71) Pentachlorophenol	16.998	266	252895	45.569	ng/ul	99
72) Phenanthrene	17.416	178	1809568	44.830	ng/ul	99
74) Anthracene	17.504	178	1820551	44.502	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.381	216	457480	38.678	ng/uL	97
76) Pentachlorobenzene	14.893	250	431602	38.628	ng/uL	99
77) Carbazole	17.792	167	1685300	46.316	ng/ul	99
78) Di-n-butylphthalate	18.304	149	2040202	50.989	ng/ul	99
80) Fluoranthene	19.386	202	2218318	46.487	ng/ul	99
82) Pyrene	19.745	202	2301730	45.374	ng/ul	99
83) Butylbenzylphthalate	20.604	149	949390	52.784	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.404	252	713567	43.407	ng/ul	99
85) Benzo(a)anthracene	21.463	228	2377592	46.559	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.339	149	1410771	54.312	ng/ul	96
87) Chrysene	21.516	228	2203546	45.851	ng/ul	99
89) Di-n-octyl phthalate	22.304	149	2426045	52.683	ng/ul	100
90) Benzo(b)fluoranthene	23.216	252	2345226	47.515	ng/ul	99
91) Benzo(k)fluoranthene	23.269	252	2291729	46.022	ng/ul	100
93) Benzo(a)pyrene	23.892	252	2204364	46.679	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.680	276	2719622	45.945	ng/ul	99
95) Dibenzo(a,h)anthracene	26.704	278	2268959	46.022	ng/ul	98
96) Benzo(g,h,i)perylene	27.515	276	2170270	45.466	ng/ul	99

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

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