Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018948.D
Acq On : 19 Dec 2023 15:07
Operator : MA/JU
Sample : PB157879BS
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS879

Quant Time: Dec 19 21:42:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 19 05:28:03 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	192692	20.000	ng/ul	0.00
20) Naphthalene-d8	10.622	136	689824	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.463	164	418589	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.210	188	1002795	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	1026903	20.000	ng/ul	-0.01
88) Perylene-d12	23.668	264	1203225	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	30340	5.366	ng/uL	0.00
4) Pyridine-d5	3.675	84	393458	25.977	ng/ul	0.00
7) Phenol-d5	7.005	99	466596	24.129	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.163	67	260228	22.705	ng/ul	0.00
11) 2-Chlorophenol-d4	7.363	132	375503	24.886	ng/ul	0.00
15) 4-Methylphenol-d8	8.546	113	353143	22.566	ng/ul	-0.01
21) Nitrobenzene-d5	8.993	128	172508	28.097	ng/ul	0.00
24) 2-Nitrophenol-d4	9.710	143	193561	30.408	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	378524	29.082	ng/ul	0.00
31) 4-Chloroaniline-d4	10.769	131	458650	26.963	ng/ul	0.00
46) Dimethylphthalate-d6	13.881	166	1001590	26.810	ng/ul	0.00
49) Acenaphthylene-d8	14.151	160	1213455	29.497	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.681	143	190067	30.994	ng/ul	0.00
60) Fluorene-d10	15.457	176	923704	29.455	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.586	200	122147	20.315	ng/ul	0.00
73) Anthracene-d10	17.310	188	1532569	29.071	ng/ul	0.00
81) Pyrene-d10	19.551	212	1924021	24.069	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.521	264	2026046	28.879	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	63759	10.282	ng/uL	94
5) Pyridine	3.693	79	423431	27.684	ng/ul	96
6) Benzaldehyde	6.969	77	236980	23.736	ng/ul	96
8) Phenol	7.034	94	492425	25.967	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.257	93	391973	25.168	ng/ul	98
12) 2-Chlorophenol	7.393	128	404497	26.488	ng/ul	96
13) 2-Methylphenol	8.281	108	363936	25.068	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.357	45	432181	21.870	ng/ul	97
16) Acetophenone	8.657	105	568995	24.397	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.640	70	266118	20.741	ng/ul	97
18) 4-Methylphenol	8.610	108	386474	24.379	ng/ul	99
19) Hexachloroethane	8.899	117	157332	25.131	ng/ul	89
22) Nitrobenzene	9.034	77	420409	28.163	ng/ul	96
23) Isophorone	9.563	82	781846	25.688	ng/ul	98
25) 2-Nitrophenol	9.746	139	214006	31.400	ng/ul	96
26) 2,4-Dimethylphenol	9.810	107	367447	27.567	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.046	93	486609	25.325	ng/ul	99
29) 2,4-Dichlorophenol	10.275	162	381492	30.429	ng/ul	98
30) Naphthalene	10.675	128	1206579	28.833	ng/ul	100
32) 4-Chloroaniline	10.793	127	410893	25.344	ng/ul	100
33) Hexachlorobutadiene	10.951	225	286471	34.118	ng/ul	99
34) Caprolactam	11.575	113	119358	31.048	ng/ul	92
35) 4-Chloro-3-methylphenol	11.922	107	374801	26.686	ng/ul	100
36) 2-Methylnaphthalene	12.287	142	811003	27.356	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.504	142	803384	26.834	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.651	216	509904	33.575	ng/ul	99
40) Hexachlorocyclopentadiene	12.628	237	105635	11.735	ng/ul	98
41) 2,4,6-Trichlorophenol	12.898	196	308341	31.561	ng/ul	99
42) 2,4,5-Trichlorophenol	12.975	196	337089	31.826	ng/ul	97
43) 1,1'-Biphenyl	13.298	154	1080830	29.855	ng/ul	98
44) 2-Chloronaphthalene	13.339	162	889863	31.122	ng/ul	97
45) 2-Nitroaniline	13.551	65	227919	29.404	ng/ul	93
47) Dimethylphthalate	13.928	163	1052582	28.622	ng/ul	100
48) 2,6-Dinitrotoluene	14.045	165	223666	32.192	ng/ul	94
50) Acenaphthylene	14.181	152	1424247	30.793	ng/ul	100
51) 3-Nitroaniline	14.375	138	232035	33.455	ng/ul	99
52) Acenaphthene	14.528	153	935328	30.585	ng/ul	100
53) 2,4-Dinitrophenol	14.586	184	67752	18.399	ng/ul	94
55) 4-Nitrophenol	14.692	109	155268	33.513	ng/ul	94
56) Dibenzofuran	14.863	168	1330432	31.302	ng/ul	97
57) 2,4-Dinitrotoluene	14.834	165	327650	33.525	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.092	232	290294	32.675	ng/ul	92
59) Diethylphthalate	15.286	149	1038243	28.851	ng/ul	100
61) Fluorene	15.510	166	1075690	31.984	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.504	204	565032	32.034	ng/ul	95
63) 4-Nitroaniline	15.539	138	260377	39.407	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.598	198	139039	21.629	ng/ul	94
67) N-Nitrosodiphenylamine	15.722	169	915240	27.543	ng/ul	100
68) 4-Bromophenyl-phenylether	16.404	248	376210	29.717	ng/ul	92
69) Hexachlorobenzene	16.516	284	455209	32.205	ng/ul	95
70) Atrazine	16.680	200	191181	19.352	ng/ul	97
71) Pentachlorophenol	16.863	266	260902	31.036	ng/ul	99
72) Phenanthrene	17.257	178	1869956	30.876	ng/ul	100
74) Anthracene	17.345	178	1891201	31.152	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.263	216	511475	29.498	ng/uL	100
76) Pentachlorobenzene	14.781	250	514389	30.201	ng/uL	99
77) Carbazole	17.622	167	1717511	35.498	ng/ul	99
78) Di-n-butylphthalate	18.175	149	1892312	29.372	ng/ul	100
80) Fluoranthene	19.227	202	2390469	25.299	ng/ul	95
82) Pyrene	19.580	202	2469247	25.905	ng/ul	94
83) Butylbenzylphthalate	20.457	149	942549	27.010	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.227	252	784847	31.451	ng/ul	98
85) Benzo(a)anthracene	21.292	228	2543660	30.517	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.216	149	1301221	27.129	ng/ul#	99
87) Chrysene	21.345	228	2350805	30.626	ng/ul	100
89) Di-n-octyl phthalate	22.127	149	2337964	26.613	ng/ul	100
90) Benzo(b)fluoranthene	22.951	252	2644217	29.806	ng/ul	98
91) Benzo(k)fluoranthene	22.998	252	2472667	28.806	ng/ul	98
93) Benzo(a)pyrene	23.568	252	2442510	30.132	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.133	276	3052307	31.515	ng/ul	95
95) Dibenzo(a,h)anthracene	26.151	278	2530719	31.411	ng/ul	97
96) Benzo(g,h,i)perylene	26.892	276	2446221	31.384	ng/ul	96

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

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