Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122623\
Data File : BP019100.D
Acq On : 27 Dec 2023 01:08
Operator : MA/JU
Sample : PB158028BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS028

Quant Time: Dec 27 01:48:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 26 22:20:53 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	134142	20.000	ng/ul	0.00
20) Naphthalene-d8	10.604	136	503788	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.445	164	304455	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.198	188	683376	20.000	ng/ul	0.00
79) Chrysene-d12	21.286	240	740609	20.000	ng/ul	0.00
88) Perylene-d12	23.645	264	886642	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	27390	6.958	ng/uL	0.00
4) Pyridine-d5	3.664	84	359581	34.103	ng/ul	0.00
7) Phenol-d5	6.987	99	412692	30.657	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.152	67	244426	30.635	ng/ul	0.00
11) 2-Chlorophenol-d4	7.340	132	328275	31.252	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	312706	28.704	ng/ul	0.00
21) Nitrobenzene-d5	8.975	128	153111	34.147	ng/ul	0.00
24) 2-Nitrophenol-d4	9.693	143	162769	35.014	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	328933	34.604	ng/ul	0.00
31) 4-Chloroaniline-d4	10.751	131	381350	30.698	ng/ul	0.00
46) Dimethylphthalate-d6	13.863	166	883892	32.528	ng/ul	0.00
49) Acenaphthylene-d8	14.140	160	1030353	34.436	ng/ul	0.00
54) 4-Nitrophenol-d4	14.663	143	159055	35.660	ng/ul	0.00
60) Fluorene-d10	15.439	176	781728	34.273	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.569	200	150881	36.822	ng/ul	0.00
73) Anthracene-d10	17.298	188	1220294	33.967	ng/ul	0.00
81) Pyrene-d10	19.533	212	1533665	26.603	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.492	264	1792113	34.665	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	55332	12.818	ng/uL	98
5) Pyridine	3.681	79	363075	34.099	ng/ul	97
6) Benzaldehyde	6.958	77	219846	31.631	ng/ul	94
8) Phenol	7.016	94	419979	31.813	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.246	93	341936	31.539	ng/ul	99
12) 2-Chlorophenol	7.375	128	338003	31.794	ng/ul	98
13) 2-Methylphenol	8.263	108	307674	30.443	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.340	45	401721	29.202	ng/ul	99
16) Acetophenone	8.640	105	484052	29.814	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.628	70	231220	25.887	ng/ul	98
18) 4-Methylphenol	8.593	108	327068	29.636	ng/ul	98
19) Hexachloroethane	8.881	117	142589	32.717	ng/ul	88
22) Nitrobenzene	9.016	77	368141	33.769	ng/ul	98
23) Isophorone	9.546	82	648386	29.170	ng/ul	99
25) 2-Nitrophenol	9.722	139	175950	35.350	ng/ul	96
26) 2,4-Dimethylphenol	9.793	107	323776	33.260	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.028	93	424352	30.240	ng/ul	99
29) 2,4-Dichlorophenol	10.257	162	316844	34.605	ng/ul	98
30) Naphthalene	10.652	128	1025336	33.550	ng/ul	100
32) 4-Chloroaniline	10.775	127	348129	29.402	ng/ul	98
33) Hexachlorobutadiene	10.934	225	241485	39.381	ng/ul	98
34) Caprolactam	11.557	113	88544	31.538	ng/ul	96
35) 4-Chloro-3-methylphenol	11.904	107	314572	30.669	ng/ul	100
36) 2-Methylnaphthalene	12.269	142	681218	31.463	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.487	142	672579	30.760	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.634	216	422215	38.223	ng/ul	98
40) Hexachlorocyclopentadiene	12.610	237	220617	33.696	ng/ul	99
41) 2,4,6-Trichlorophenol	12.881	196	255396	35.942	ng/ul	99
42) 2,4,5-Trichlorophenol	12.951	196	279032	36.221	ng/ul	100
43) 1,1'-Biphenyl	13.281	154	898402	34.119	ng/ul	97
44) 2-Chloronaphthalene	13.322	162	727260	34.970	ng/ul	98
45) 2-Nitroaniline	13.534	65	186204	33.028	ng/ul	98
47) Dimethylphthalate	13.910	163	883385	33.026	ng/ul	99
48) 2,6-Dinitrotoluene	14.034	165	174353	34.502	ng/ul	95
50) Acenaphthylene	14.169	152	1155237	34.340	ng/ul	99
51) 3-Nitroaniline	14.363	138	162902	32.292	ng/ul	99
52) Acenaphthene	14.510	153	758729	34.111	ng/ul	99
53) 2,4-Dinitrophenol	14.569	184	94275	35.200	ng/ul	95
55) 4-Nitrophenol	14.675	109	126570	37.560	ng/ul	90
56) Dibenzofuran	14.845	168	1075835	34.801	ng/ul	98
57) 2,4-Dinitrotoluene	14.822	165	260276	36.615	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.075	232	243344	37.658	ng/ul#	92
59) Diethylphthalate	15.275	149	847288	32.371	ng/ul	99
61) Fluorene	15.492	166	865368	35.377	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.492	204	456113	35.553	ng/ul	95
63) 4-Nitroaniline	15.528	138	181666	37.802	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.581	198	164881	37.637	ng/ul	93
67) N-Nitrosodiphenylamine	15.710	169	727376	32.121	ng/ul	99
68) 4-Bromophenyl-phenylether	16.386	248	288768	33.471	ng/ul	95
69) Hexachlorobenzene	16.498	284	350421	36.380	ng/ul	97
70) Atrazine	16.669	200	259551	38.552	ng/ul	97
71) Pentachlorophenol	16.845	266	210933	36.820	ng/ul	99
72) Phenanthrene	17.239	178	1413612	34.250	ng/ul	99
74) Anthracene	17.334	178	1433134	34.641	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.240	216	420468	35.584	ng/uL	98
76) Pentachlorobenzene	14.763	250	406942	35.060	ng/uL	98
77) Carbazole	17.604	167	1297224	39.343	ng/ul	100
78) Di-n-butylphthalate	18.163	149	1381574	31.468	ng/ul	99
80) Fluoranthene	19.210	202	1777805	26.088	ng/ul	96
82) Pyrene	19.563	202	1883398	27.396	ng/ul	94
83) Butylbenzylphthalate	20.445	149	648818	25.780	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.210	252	636025	35.340	ng/ul	99
85) Benzo(a)anthracene	21.274	228	2031310	33.791	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.204	149	917598	26.527	ng/ul	99
87) Chrysene	21.327	228	1908754	34.480	ng/ul	100
89) Di-n-octyl phthalate	22.110	149	1634301	25.246	ng/ul	100
90) Benzo(b)fluoranthene	22.927	252	2226897	34.065	ng/ul	99
91) Benzo(k)fluoranthene	22.974	252	2086810	32.992	ng/ul	98
93) Benzo(a)pyrene	23.539	252	2063352	34.543	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.086	276	2692871	37.732	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.104	278	2236687	37.674	ng/ul	97
96) Benzo(g,h,i)perylene	26.839	276	2185256	38.047	ng/ul	96

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

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