Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122623\
Data File : BP019104.D
Acq On : 27 Dec 2023 03:24
Operator : MA/JU
Sample : PB158050BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS050

Quant Time: Dec 27 03:52:14 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	170612	20.000	ng/ul	0.00
20) Naphthalene-d8	10.604	136	647642	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.445	164	402533	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.198	188	929998	20.000	ng/ul	0.00
79) Chrysene-d12	21.292	240	1020081	20.000	ng/ul	# 0.00
88) Perylene-d12	23.645	264	1218819	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	28380	5.668	ng/uL	0.00
4) Pyridine-d5	3.663	84	357034	26.623	ng/ul	0.00
7) Phenol-d5	6.987	99	423056	24.709	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.151	67	248972	24.535	ng/ul	0.00
11) 2-Chlorophenol-d4	7.340	132	332341	24.876	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	324455	23.416	ng/ul	0.00
21) Nitrobenzene-d5	8.975	128	155601	26.994	ng/ul	0.00
24) 2-Nitrophenol-d4	9.692	143	169574	28.375	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	343743	28.130	ng/ul	0.00
31) 4-Chloroaniline-d4	10.751	131	413445	25.889	ng/ul	0.00
46) Dimethylphthalate-d6	13.863	166	956981	26.637	ng/ul	0.00
49) Acenaphthylene-d8	14.139	160	1095006	27.680	ng/ul	0.00
54) 4-Nitrophenol-d4	14.663	143	176217	29.881	ng/ul	0.00
60) Fluorene-d10	15.439	176	844216	27.994	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.569	200	172620	30.956	ng/ul	0.00
73) Anthracene-d10	17.298	188	1358851	27.793	ng/ul	0.00
81) Pyrene-d10	19.533	212	1738495	21.894	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.492	264	1975384	27.797	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	55392	10.089	ng/uL	95
5) Pyridine	3.681	79	369258	27.266	ng/ul	98
6) Benzaldehyde	6.957	77	229243	25.933	ng/ul	98
8) Phenol	7.016	94	435608	25.944	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.240	93	354088	25.678	ng/ul	100
12) 2-Chlorophenol	7.375	128	346037	25.592	ng/ul	99
13) 2-Methylphenol	8.263	108	323463	25.164	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.334	45	410348	23.453	ng/ul	97
16) Acetophenone	8.639	105	511608	24.775	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.628	70	244219	21.498	ng/ul	99
18) 4-Methylphenol	8.592	108	344528	24.545	ng/ul	100
19) Hexachloroethane	8.881	117	145296	26.212	ng/ul	90
22) Nitrobenzene	9.016	77	388375	27.712	ng/ul	98
23) Isophorone	9.545	82	692407	24.232	ng/ul	99
25) 2-Nitrophenol	9.722	139	187496	29.302	ng/ul	100
26) 2,4-Dimethylphenol	9.792	107	335631	26.820	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.028	93	447198	24.789	ng/ul	99
29) 2,4-Dichlorophenol	10.257	162	337205	28.648	ng/ul	97
30) Naphthalene	10.651	128	1074178	27.341	ng/ul	100
32) 4-Chloroaniline	10.775	127	386112	25.367	ng/ul	99
33) Hexachlorobutadiene	10.933	225	248911	31.576	ng/ul	99
34) Caprolactam	11.557	113	101408	28.097	ng/ul	94
35) 4-Chloro-3-methylphenol	11.904	107	341651	25.910	ng/ul	99
36) 2-Methylnaphthalene	12.263	142	730940	26.261	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.486	142	720732	25.641	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.633	216	454785	31.140	ng/ul	99
40) Hexachlorocyclopentadiene	12.610	237	240035	27.729	ng/ul	99
41) 2,4,6-Trichlorophenol	12.880	196	281015	29.911	ng/ul	99
42) 2,4,5-Trichlorophenol	12.951	196	307984	30.238	ng/ul	97
43) 1,1'-Biphenyl	13.280	154	955910	27.458	ng/ul	98
44) 2-Chloronaphthalene	13.322	162	772415	28.092	ng/ul	98
45) 2-Nitroaniline	13.533	65	204488	27.433	ng/ul	99
47) Dimethylphthalate	13.910	163	979026	27.684	ng/ul	100
48) 2,6-Dinitrotoluene	14.033	165	194815	29.158	ng/ul	95
50) Acenaphthylene	14.169	152	1252375	28.157	ng/ul	99
51) 3-Nitroaniline	14.363	138	186460	27.956	ng/ul	99
52) Acenaphthene	14.510	153	820350	27.895	ng/ul	98
53) 2,4-Dinitrophenol	14.569	184	109920	31.041	ng/ul	96
55) 4-Nitrophenol	14.674	109	145797	32.724	ng/ul	92
56) Dibenzofuran	14.845	168	1160887	28.402	ng/ul	98
57) 2,4-Dinitrotoluene	14.822	165	293404	31.218	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.074	232	269621	31.558	ng/ul	92
59) Diethylphthalate	15.274	149	950458	27.465	ng/ul	99
61) Fluorene	15.492	166	941200	29.102	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.492	204	501667	29.576	ng/ul	95
63) 4-Nitroaniline	15.527	138	208552	32.823	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.580	198	190742	31.994	ng/ul	94
67) N-Nitrosodiphenylamine	15.710	169	817004	26.511	ng/ul	99
68) 4-Bromophenyl-phenylether	16.386	248	324961	27.678	ng/ul	96
69) Hexachlorobenzene	16.498	284	394589	30.102	ng/ul	95
70) Atrazine	16.668	200	300092	32.754	ng/ul	99
71) Pentachlorophenol	16.845	266	244874	31.410	ng/ul	100
72) Phenanthrene	17.239	178	1603858	28.555	ng/ul	99
74) Anthracene	17.333	178	1624735	28.858	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.239	216	442842	27.539	ng/uL	98
76) Pentachlorobenzene	14.763	250	440943	27.915	ng/uL	99
77) Carbazole	17.610	167	1488664	33.176	ng/ul	99
78) Di-n-butylphthalate	18.163	149	1620147	27.116	ng/ul	100
80) Fluoranthene	19.210	202	2046383	21.802	ng/ul	96
82) Pyrene	19.562	202	2152934	22.737	ng/ul	95
83) Butylbenzylphthalate	20.445	149	765291	22.077	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.209	252	748632	30.200	ng/ul	99
85) Benzo(a)anthracene	21.274	228	2309842	27.897	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.204	149	1084410	22.760	ng/ul#	99
87) Chrysene	21.327	228	2169027	28.447	ng/ul	100
89) Di-n-octyl phthalate	22.109	149	1901382	21.366	ng/ul	100
90) Benzo(b)fluoranthene	22.927	252	2462925	27.407	ng/ul	98
91) Benzo(k)fluoranthene	22.974	252	2390849	27.497	ng/ul	98
93) Benzo(a)pyrene	23.539	252	2332877	28.411	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.092	276	3011796	30.699	ng/ul	96
95) Dibenzo(a,h)anthracene	26.109	278	2496681	30.592	ng/ul	97
96) Benzo(g,h,i)perylene	26.839	276	2435200	30.843	ng/ul	95

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

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