Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
Data File : BP014755.D
Acq On : 20 Apr 2023 14:36
Operator : CG/JU
Sample : PB152203BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS203

Quant Time: Apr 20 22:39:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 20 02:32:50 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	236650	20.000	ng/ul	0.00
20) Naphthalene-d8	10.981	136	946251	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.781	164	536113	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.533	188	1039111	20.000	ng/ul	0.00
79) Chrysene-d12	21.604	240	951209	20.000	ng/ul	0.00
88) Perylene-d12	24.180	264	1040114	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.487	96	36555	6.139	ng/uL	0.00
4) Pyridine-d5	3.911	84	478080	29.491	ng/ul	0.00
7) Phenol-d5	7.287	99	609175	29.772	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.469	67	370058	29.316	ng/ul	0.00
11) 2-Chlorophenol-d4	7.675	132	486139	31.992	ng/ul	0.00
15) 4-Methylphenol-d8	8.852	113	480639	30.132	ng/ul	0.00
21) Nitrobenzene-d5	9.322	128	220040	37.110	ng/ul	0.00
24) 2-Nitrophenol-d4	10.052	143	218368	40.776	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.587	165	467893	32.177	ng/ul	0.00
31) 4-Chloroaniline-d4	11.110	131	611369	27.546	ng/ul	0.00
46) Dimethylphthalate-d6	14.181	166	1253258	29.523	ng/ul	0.00
49) Acenaphthylene-d8	14.481	160	1538653	31.276	ng/ul	0.00
54) 4-Nitrophenol-d4	14.951	143	201603	29.858	ng/ul	0.00
60) Fluorene-d10	15.769	176	1073638	29.475	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	143237	34.063	ng/ul	0.00
73) Anthracene-d10	17.633	188	1556451	31.006	ng/ul	0.00
81) Pyrene-d10	19.845	212	1707843	31.342	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.010	264	1768336	32.803	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.522	88	71996	11.196	ng/uL	97
5) Pyridine	3.934	79	449616	27.644	ng/ul	95
6) Benzaldehyde	7.281	77	327307	32.341	ng/ul	94
8) Phenol	7.316	94	626868	29.352	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.563	93	503558	29.079	ng/ul	98
12) 2-Chlorophenol	7.710	128	494456	31.117	ng/ul	97
13) 2-Methylphenol	8.587	108	467554	29.251	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.681	45	616265	27.873	ng/ul	98
16) Acetophenone	8.981	105	765650	28.856	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.963	70	363214	28.145	ng/ul	97
18) 4-Methylphenol	8.916	108	504412	29.041	ng/ul	98
19) Hexachloroethane	9.252	117	202272	30.219	ng/ul	97
22) Nitrobenzene	9.369	77	533757	33.129	ng/ul	97
23) Isophorone	9.893	82	1038562	28.549	ng/ul	100
25) 2-Nitrophenol	10.081	139	245026	38.520	ng/ul	99
26) 2,4-Dimethylphenol	10.134	107	521022	29.377	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.375	93	653794	29.007	ng/ul	100
29) 2,4-Dichlorophenol	10.616	162	458258	31.223	ng/ul	98
30) Naphthalene	11.034	128	1585436	29.896	ng/ul	100
32) 4-Chloroaniline	11.134	127	597174	26.560	ng/ul	99
33) Hexachlorobutadiene	11.316	225	311524	30.008	ng/ul	98
34) Caprolactam	11.893	113	117836	26.515	ng/ul	96
35) 4-Chloro-3-methylphenol	12.234	107	450808	29.390	ng/ul	98
36) 2-Methylnaphthalene	12.622	142	1021997	28.867	ng/ul	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.840	142	1032510	29.418	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.987	216	572196	31.716	ng/ul	98
40)	Hexachlorocyclopentadiene	12.969	237	322388	31.581	ng/ul	100
41)	2,4,6-Trichlorophenol	13.216	196	336131	32.894	ng/ul	96
42)	2,4,5-Trichlorophenol	13.287	196	367366	33.231	ng/ul	99
43)	1,1'-Biphenyl	13.622	154	1350910	31.075	ng/ul	99
44)	2-Chloronaphthalene	13.663	162	1064575	31.340	ng/ul	99
45)	2-Nitroaniline	13.857	65	232555	36.166	ng/ul	98
47)	Dimethylphthalate	14.228	163	1228778	28.737	ng/ul	100
48)	2,6-Dinitrotoluene	14.351	165	209350	35.895	ng/ul	90
50)	Acenaphthylene	14.504	152	1607793	30.155	ng/ul	99
51)	3-Nitroaniline	14.675	138	205893	31.038	ng/ul#	99
52)	Acenaphthene	14.845	153	1093030	30.067	ng/ul	99
53)	2,4-Dinitrophenol	14.875	184	88415	31.331	ng/ul	95
55)	4-Nitrophenol	14.963	109	159423	28.783	ng/ul	94
56)	Dibenzofuran	15.181	168	1504591	29.407	ng/ul	97
57)	2,4-Dinitrotoluene	15.128	165	295474	34.528	ng/ul	96
58)	2,3,4,6-Tetrachlorophenol	15.398	232	286927	30.565	ng/ul	95
59)	Diethylphthalate	15.592	149	1168350	28.160	ng/ul	99
61)	Fluorene	15.828	166	1227952	29.402	ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.816	204	618125	28.944	ng/ul	100
63)	4-Nitroaniline	15.839	138	220828	33.306	ng/ul	97
66)	4,6-Dinitro-2-methylph...	15.892	198	150032	33.514	ng/ul#	90
67)	N-Nitrosodiphenylamine	16.028	169	988216	31.915	ng/ul	99
68)	4-Bromophenyl-phenylether	16.716	248	367668	31.571	ng/ul	98
69)	Hexachlorobenzene	16.833	284	421816	31.217	ng/ul	98
70)	Atrazine	16.975	200	218443	19.863	ng/ul	99
71)	Pentachlorophenol	17.175	266	216696	29.461	ng/ul	97
72)	Phenanthrene	17.575	178	1777056	30.344	ng/ul	100
74)	Anthracene	17.663	178	1790704	30.161	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.587	216	557628	34.366	ng/uL	99
76)	Pentachlorobenzene	15.098	250	530254	33.132	ng/uL	99
77)	Carbazole	17.928	167	1549840	29.736	ng/ul	99
78)	Di-n-butylphthalate	18.463	149	1785713	30.178	ng/ul	100
80)	Fluoranthene	19.522	202	1968510	31.051	ng/ul	99
82)	Pyrene	19.875	202	2070661	30.866	ng/ul	99
83)	Butylbenzylphthalate	20.727	149	643894	35.157	ng/ul	100
84)	3,3'-Dichlorobenzidine	21.510	252	623214	29.264	ng/ul	98
85)	Benzo(a)anthracene	21.586	228	2009440	30.391	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.492	149	1030396	33.352	ng/ul	99
87)	Chrysene	21.645	228	1931861	30.863	ng/ul	99
89)	Di-n-octyl phthalate	22.480	149	1698617	30.184	ng/ul	100
90)	Benzo(b)fluoranthene	23.386	252	2095745	30.931	ng/ul	100
91)	Benzo(k)fluoranthene	23.439	252	2135126	31.509	ng/ul	100
93)	Benzo(a)pyrene	24.068	252	1895037	31.493	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.904	276	2546761	32.518	ng/ul	98
95)	Dibenzo(a,h)anthracene	26.921	278	2121359	32.344	ng/ul	99
96)	Benzo(g,h,i)perylene	27.739	276	2030345	32.414	ng/ul	99

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

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