Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080423\
Data File : BP016498.D
Acq On : 04 Aug 2023 12:22
Operator : MA/JU
Sample : SSTD01012
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD010612

Quant Time: Aug 04 14:21:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 04 14:09:57 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	467247	20.000	ng/ul	0.00
20) Naphthalene-d8	10.899	136	1789766	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.716	164	941077	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.486	188	1812291	20.000	ng/ul	0.00
79) Chrysene-d12	21.580	240	1492885	20.000	ng/ul	0.00
88) Perylene-d12	24.174	264	1629992	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	48759	4.115	ng/uL	0.00
4) Pyridine-d5	3.840	84	312387	9.291	ng/ul	0.00
7) Phenol-d5	7.205	99	338687	8.662	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.405	67	218876	9.324	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	274612	9.002	ng/ul	0.00
15) 4-Methylphenol-d8	8.769	113	257898	8.202	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	118230	10.728	ng/ul	0.00
24) 2-Nitrophenol-d4	9.981	143	102075	11.230	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.504	165	227481	9.029	ng/ul	0.00
31) 4-Chloroaniline-d4	11.051	131	339945	8.673	ng/ul	0.00
46) Dimethylphthalate-d6	14.128	166	610742	8.867	ng/ul	0.00
49) Acenaphthylene-d8	14.416	160	746070	9.169	ng/ul	0.00
54) 4-Nitrophenol-d4	14.910	143	92302	7.998	ng/ul	0.00
60) Fluorene-d10	15.710	176	527167	8.997	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.828	200	51213	8.579	ng/ul	0.00
73) Anthracene-d10	17.581	188	750501	9.349	ng/ul	0.00
81) Pyrene-d10	19.816	212	792977	9.355	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.998	264	716812	9.115	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.446	88	51471	4.096	ng/uL	98
5) Pyridine	3.864	79	325709	9.522	ng/ul	99
6) Benzaldehyde	7.222	77	232189	10.885	ng/ul	98
8) Phenol	7.228	94	365080	8.979	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.499	93	306310	9.196	ng/ul	99
12) 2-Chlorophenol	7.616	128	289648	9.235	ng/ul	95
13) 2-Methylphenol	8.499	108	260669	8.361	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.581	45	369831	9.176	ng/ul	98
16) Acetophenone	8.916	105	434185	8.749	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.881	70	194444	7.525	ng/ul	98
18) 4-Methylphenol	8.834	108	277991	8.345	ng/ul	97
19) Hexachloroethane	9.146	117	123162	9.386	ng/ul	96
22) Nitrobenzene	9.304	77	309076	10.475	ng/ul	99
23) Isophorone	9.822	82	527558	7.938	ng/ul	100
25) 2-Nitrophenol	10.010	139	126265	11.133	ng/ul	95
26) 2,4-Dimethylphenol	10.046	107	294255	9.176	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.310	93	369286	9.216	ng/ul	99
29) 2,4-Dichlorophenol	10.528	162	235424	9.243	ng/ul	100
30) Naphthalene	10.951	128	904938	9.762	ng/ul	100
32) 4-Chloroaniline	11.075	127	342903	8.924	ng/ul	100
33) Hexachlorobutadiene	11.187	225	161845	9.669	ng/ul	98
34) Caprolactam	11.869	113	53476	5.894	ng/ul	95
35) 4-Chloro-3-methylphenol	12.163	107	224744	7.972	ng/ul	98
36) 2-Methylnaphthalene	12.551	142	566578	8.969	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.769	142	567289	8.981	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.898	216	289371	10.408	ng/ul	98
40) Hexachlorocyclopentadiene	12.851	237	150957	7.606	ng/ul	98
41) 2,4,6-Trichlorophenol	13.145	196	154394	9.425	ng/ul	97
42) 2,4,5-Trichlorophenol	13.210	196	168544	9.614	ng/ul	98
43) 1,1'-Biphenyl	13.551	154	713307	10.038	ng/ul	100
44) 2-Chloronaphthalene	13.598	162	570501	10.263	ng/ul	99
45) 2-Nitroaniline	13.822	65	116228	9.993	ng/ul	99
47) Dimethylphthalate	14.175	163	617905	8.896	ng/ul	100
48) 2,6-Dinitrotoluene	14.310	165	97501	9.741	ng/ul	99
50) Acenaphthylene	14.445	152	882327	9.518	ng/ul	99
51) 3-Nitroaniline	14.645	138	109887	9.384	ng/ul#	95
52) Acenaphthene	14.781	153	582138	9.739	ng/ul	99
53) 2,4-Dinitrophenol	14.845	184	26970	6.300	ng/ul	94
55) 4-Nitrophenol	14.922	109	74530	8.012	ng/ul	98
56) Dibenzofuran	15.116	168	793195	9.693	ng/ul	98
57) 2,4-Dinitrotoluene	15.092	165	135021	9.462	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.328	232	126367	9.036	ng/ul	99
59) Diethylphthalate	15.528	149	580597	8.299	ng/ul	99
61) Fluorene	15.769	166	620445	9.335	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.757	204	304041	9.383	ng/ul	99
63) 4-Nitroaniline	15.810	138	99520	9.269	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.839	198	60955	8.542	ng/ul	97
67) N-Nitrosodiphenylamine	15.981	169	496110	9.763	ng/ul	99
68) 4-Bromophenyl-phenylether	16.663	248	170225	9.904	ng/ul	98
69) Hexachlorobenzene	16.745	284	200863	9.746	ng/ul	98
70) Atrazine	16.928	200	149738	8.077	ng/ul	98
71) Pentachlorophenol	17.104	266	89216	7.682	ng/ul	98
72) Phenanthrene	17.528	178	922049	9.777	ng/ul	99
74) Anthracene	17.616	178	920049	9.578	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.504	216	293903	11.235	ng/uL	100
76) Pentachlorobenzene	15.010	250	243496	10.533	ng/uL	99
77) Carbazole	17.898	167	786407	9.511	ng/ul	99
78) Di-n-butylphthalate	18.416	149	844103	8.016	ng/ul	99
80) Fluoranthene	19.486	202	957630	9.424	ng/ul	99
82) Pyrene	19.839	202	1030299	9.814	ng/ul	98
83) Butylbenzylphthalate	20.704	149	322385	8.112	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.498	252	278032	8.473	ng/ul	99
85) Benzo(a)anthracene	21.563	228	943616	9.332	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.451	149	456380	7.528	ng/ul	100
87) Chrysene	21.621	228	893319	9.540	ng/ul	99
89) Di-n-octyl phthalate	22.439	149	753236	7.351	ng/ul	100
90) Benzo(b)fluoranthene	23.363	252	902017	9.241	ng/ul	99
91) Benzo(k)fluoranthene	23.415	252	894736	9.211	ng/ul	99
93) Benzo(a)pyrene	24.057	252	851733	9.265	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.933	276	1060737	9.992	ng/ul	98
95) Dibenzo(a,h)anthracene	26.962	278	886536	10.097	ng/ul	98
96) Benzo(g,h,i)perylene	27.792	276	859056	10.222	ng/ul	100

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

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