Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030723\
Data File : BP013965.D
Acq On : 07 Mar 2023 17:03
Operator : CG/JU
Sample : SSTD04038
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 08 00:44:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 08 00:39:16 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD040620

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	132971	20.000	ng/ul	0.00
20) Naphthalene-d8	10.910	136	554046	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.722	164	381829	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.481	188	928364	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	1015350	20.000	ng/ul	0.00
88) Perylene-d12	24.104	264	1155026	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.440	96	55343	17.251	ng/uL	0.00
4) Pyridine-d5	3.869	84	387694	40.762	ng/ul	0.00
7) Phenol-d5	7.240	99	480266	40.537	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.405	67	279270	40.226	ng/ul	0.00
11) 2-Chlorophenol-d4	7.610	132	368688	42.274	ng/ul	0.00
15) 4-Methylphenol-d8	8.799	113	401925	41.506	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	189130	49.062	ng/ul	0.00
24) 2-Nitrophenol-d4	9.987	143	227042	51.010	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.528	165	414588	45.708	ng/ul	0.00
31) 4-Chloroaniline-d4	11.046	131	535664	41.663	ng/ul	0.00
46) Dimethylphthalate-d6	14.128	166	1346750	44.782	ng/ul	0.00
49) Acenaphthylene-d8	14.422	160	1441413	44.277	ng/ul	0.00
54) 4-Nitrophenol-d4	14.922	143	240026	44.800	ng/ul	0.00
60) Fluorene-d10	15.716	176	1116770	43.597	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.839	200	289161	50.770	ng/ul	0.00
73) Anthracene-d10	17.581	188	1833207	43.185	ng/ul	0.00
81) Pyrene-d10	19.804	212	2317524	40.249	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.945	264	2547219	44.013	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.475	88	59036	17.142	ng/uL	96
5) Pyridine	3.887	79	393068	41.818	ng/ul	96
6) Benzaldehyde	7.216	77	255098	47.747	ng/ul	99
8) Phenol	7.263	94	488528	40.170	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.499	93	382777	39.278	ng/ul	99
12) 2-Chlorophenol	7.646	128	372626	41.641	ng/ul	99
13) 2-Methylphenol	8.528	108	374840	40.380	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.616	45	420442	37.929	ng/ul	98
16) Acetophenone	8.916	105	641458	41.306	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.905	70	329694	42.751	ng/ul	98
18) 4-Methylphenol	8.863	108	414438	40.438	ng/ul	99
19) Hexachloroethane	9.175	117	165608	45.194	ng/ul	99
22) Nitrobenzene	9.305	77	502100	49.508	ng/ul	100
23) Isophorone	9.834	82	952124	44.498	ng/ul	100
25) 2-Nitrophenol	10.016	139	231678	48.025	ng/ul	99
26) 2,4-Dimethylphenol	10.069	107	493715	45.965	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.310	93	537132	41.569	ng/ul	100
29) 2,4-Dichlorophenol	10.552	162	403925	45.235	ng/ul	98
30) Naphthalene	10.963	128	1235434	41.888	ng/ul	99
32) 4-Chloroaniline	11.075	127	543209	41.910	ng/ul	97
33) Hexachlorobutadiene	11.240	225	315152	50.102	ng/ul	98
34) Caprolactam	11.863	113	128459m	40.997	ng/ul	
35) 4-Chloro-3-methylphenol	12.187	107	471076	45.695	ng/ul	100
36) 2-Methylnaphthalene	12.557	142	866365	41.780	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.775	142	866064	40.422	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.922	216	583111	48.462	ng/ul	99
40)	Hexachlorocyclopentadiene	12.898	237	414784	53.687	ng/ul	98
41)	2,4,6-Trichlorophenol	13.163	196	375604	47.570	ng/ul	99
42)	2,4,5-Trichlorophenol	13.234	196	409317	47.892	ng/ul	99
43)	1,1'-Biphenyl	13.557	154	1216298	42.453	ng/ul	100
44)	2-Chloronaphthalene	13.604	162	965427	42.834	ng/ul	98
45)	2-Nitroaniline	13.810	65	307092	56.568	ng/ul	98
47)	Dimethylphthalate	14.175	163	1322603	44.341	ng/ul	100
48)	2,6-Dinitrotoluene	14.304	165	276752	53.105	ng/ul	99
50)	Acenaphthylene	14.451	152	1489487	42.413	ng/ul	100
51)	3-Nitroaniline	14.634	138	237999	46.192	ng/ul	99
52)	Acenaphthene	14.792	153	1032239	41.994	ng/ul	99
53)	2,4-Dinitrophenol	14.840	184	203327	54.713	ng/ul	100
55)	4-Nitrophenol	14.940	109	257297	54.731	ng/ul	96
56)	Dibenzofuran	15.122	168	1483369	42.092	ng/ul	99
57)	2,4-Dinitrotoluene	15.087	165	410561	52.843	ng/ul	97
58)	2,3,4,6-Tetrachlorophenol	15.345	232	379872	47.155	ng/ul	99
59)	Diethylphthalate	15.539	149	1327801	44.331	ng/ul	100
61)	Fluorene	15.775	166	1228308	42.724	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.763	204	680283	45.508	ng/ul	97
63)	4-Nitroaniline	15.798	138	247427	50.712	ng/ul	96
66)	4,6-Dinitro-2-methylph...	15.851	198	275567	49.352	ng/ul	97
67)	N-Nitrosodiphenylamine	15.975	169	1071629	42.468	ng/ul	100
68)	4-Bromophenyl-phenylether	16.663	248	461161	47.038	ng/ul	96
69)	Hexachlorobenzene	16.781	284	539453	47.222	ng/ul	98
70)	Atrazine	16.934	200	460135	45.598	ng/ul	99
71)	Pentachlorophenol	17.128	266	351370	47.267	ng/ul	98
72)	Phenanthrene	17.522	178	2044373	41.615	ng/ul	100
74)	Anthracene	17.616	178	2083611	42.157	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.528	216	594646	47.982	ng/uL	99
76)	Pentachlorobenzene	15.040	250	610553	47.741	ng/uL	99
77)	Carbazole	17.881	167	1834290	42.131	ng/ul	100
78)	Di-n-butylphthalate	18.410	149	2342175	44.355	ng/ul	99
80)	Fluoranthene	19.475	202	2639531	40.043	ng/ul	99
82)	Pyrene	19.833	202	2732438	38.880	ng/ul	98
83)	Butylbenzylphthalate	20.680	149	1129325	46.952	ng/ul	98
84)	3,3'-Dichlorobenzidine	21.469	252	1099552	48.116	ng/ul	99
85)	Benzo(a)anthracene	21.545	228	2924330	42.150	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.439	149	1676829	45.527	ng/ul	99
87)	Chrysene	21.604	228	2764516	42.235	ng/ul	100
89)	Di-n-octyl phthalate	22.410	149	2958371	37.222	ng/ul	100
90)	Benzo(b)fluoranthene	23.321	252	3232653	41.972	ng/ul	100
91)	Benzo(k)fluoranthene	23.374	252	2992152	39.160	ng/ul	100
93)	Benzo(a)pyrene	23.998	252	2772770	42.477	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.792	276	3664586	50.049	ng/ul	99
95)	Dibenzo(a,h)anthracene	26.809	278	3041677	49.731	ng/ul	99
96)	Benzo(g,h,i)perylene	27.621	276	2924570	50.169	ng/ul	99

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

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