Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120522\
Data File : BP012948.D
Acq On : 05 Dec 2022 10:37
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 05 21:49:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120122.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 01 23:46:27 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020693

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/06/2022
Supervised By :mohammad ahmed 12/06/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	514758	20.000	ng/ul	0.00
20) Naphthalene-d8	10.822	136	2345607	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.640	164	1600891	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.398	188	3331463	20.000	ng/ul	0.00
79) Chrysene-d12	21.480	240	2529747	20.000	ng/ul	0.00
88) Perylene-d12	23.992	264	2407809	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	106350	9.193	ng/uL	0.00
4) Pyridine-d5	3.817	84	779896	20.891	ng/ul	0.00
7) Phenol-d5	7.158	99	892033	18.765	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	546933	20.322	ng/ul	0.00
11) 2-Chlorophenol-d4	7.534	132	708596	20.338	ng/ul	0.00
15) 4-Methylphenol-d8	8.710	113	724705	18.567	ng/ul	0.00
21) Nitrobenzene-d5	9.175	128	359314	21.541	ng/ul	0.00
24) 2-Nitrophenol-d4	9.899	143	403649	21.145	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	772712	20.220	ng/ul	0.00
31) 4-Chloroaniline-d4	10.957	131	1049269	19.433	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	2367987	20.508	ng/ul	0.00
49) Acenaphthylene-d8	14.334	160	2696555	21.152	ng/ul	0.00
54) 4-Nitrophenol-d4	14.828	143	381733	16.163	ng/ul	0.00
60) Fluorene-d10	15.634	176	2046271	20.163	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	352647	18.042	ng/ul	0.00
73) Anthracene-d10	17.498	188	3093690	21.009	ng/ul	0.00
81) Pyrene-d10	19.722	212	3152233	25.350	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.827	264	2458938	20.901	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.428	88	111640	9.059	ng/uL	95
5) Pyridine	3.840	79	765543	21.050	ng/ul	98
6) Benzaldehyde	7.140	77	484616	20.747	ng/ul	99
8) Phenol	7.187	94	937250	18.990	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.422	93	767451	20.158	ng/ul	99
12) 2-Chlorophenol	7.563	128	759018	20.356	ng/ul	99
13) 2-Methylphenol	8.446	108	731918	18.967	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.534	45	1095045	20.527	ng/ul	99
16) Acetophenone	8.834	105	1199236	19.836	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.816	70	605348	19.696	ng/ul	99
18) 4-Methylphenol	8.775	108	804375	18.666	ng/ul	100
19) Hexachloroethane	9.093	117	300327	21.811	ng/ul	98
22) Nitrobenzene	9.216	77	851943	21.174	ng/ul	97
23) Isophorone	9.746	82	1736996	20.209	ng/ul	99
25) 2-Nitrophenol	9.928	139	455471	21.209	ng/ul	97
26) 2,4-Dimethylphenol	9.987	107	865770	20.528	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.222	93	1078331	20.718	ng/ul	99
29) 2,4-Dichlorophenol	10.463	162	793753	20.425	ng/ul	99
30) Naphthalene	10.869	128	2592684	20.951	ng/ul	100
32) 4-Chloroaniline	10.981	127	1078718	19.424	ng/ul	100
33) Hexachlorobutadiene	11.157	225	545139	22.271	ng/ul	99
34) Caprolactam	11.757	113	237842m	16.320	ng/ul	
35) 4-Chloro-3-methylphenol	12.093	107	799813	18.620	ng/ul	100
36) 2-Methylnaphthalene	12.475	142	1825309	20.343	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.693	142	1832866	20.285	ng/ul	98
39)	1,2,4,5-Tetrachloroben...	12.840	216	1078575	22.193	ng/ul	99
40)	Hexachlorocyclopentadiene	12.816	237	587029	23.721	ng/ul	99
41)	2,4,6-Trichlorophenol	13.075	196	677151	20.330	ng/ul	98
42)	2,4,5-Trichlorophenol	13.145	196	720635	20.115	ng/ul	99
43)	1,1'-Biphenyl	13.475	154	2426647	21.475	ng/ul	100
44)	2-Chloronaphthalene	13.522	162	1929025	21.329	ng/ul	99
45)	2-Nitroaniline	13.722	65	487657	20.033	ng/ul	98
47)	Dimethylphthalate	14.092	163	2472346	20.497	ng/ul	99
48)	2,6-Dinitrotoluene	14.216	165	479000	21.286	ng/ul	98
50)	Acenaphthylene	14.363	152	2944669	21.080	ng/ul	99
51)	3-Nitroaniline	14.545	138	463114	18.518	ng/ul	99
52)	Acenaphthene	14.704	153	2054547	20.755	ng/ul	100
53)	2,4-Dinitrophenol	14.745	184	230052	14.288	ng/ul	99
55)	4-Nitrophenol	14.845	109	274004	16.565	ng/ul	97
56)	Dibenzofuran	15.039	168	2874300	20.502	ng/ul	100
57)	2,4-Dinitrotoluene	14.998	165	671471	19.935	ng/ul	100
58)	2,3,4,6-Tetrachlorophenol	15.263	232	638933	18.939	ng/ul	99
59)	Diethylphthalate	15.457	149	2401590	19.978	ng/ul	100
61)	Fluorene	15.692	166	2338056	20.173	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.681	204	1247563	20.839	ng/ul	99
63)	4-Nitroaniline	15.704	138	412379	17.362	ng/ul	100
66)	4,6-Dinitro-2-methylph...	15.763	198	390898	18.873	ng/ul	97
67)	N-Nitrosodiphenylamine	15.892	169	2030573	22.297	ng/ul	100
68)	4-Bromophenyl-phenylether	16.581	248	784158	23.778	ng/ul	99
69)	Hexachlorobenzene	16.698	284	911042	22.115	ng/ul	99
70)	Atrazine	16.851	200	699174	20.688	ng/ul	99
71)	Pentachlorophenol	17.039	266	471565	17.675	ng/ul	100
72)	Phenanthrene	17.439	178	3658077	20.816	ng/ul	99
74)	Anthracene	17.533	178	3712632	21.084	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.440	216	1088032	24.516	ng/uL	99
76)	Pentachlorobenzene	14.957	250	1163020	23.539	ng/uL	99
77)	Carbazole	17.798	167	3115529	20.341	ng/ul	100
78)	Di-n-butylphthalate	18.339	149	4081334	19.576	ng/ul	100
80)	Fluoranthene	19.398	202	3945173	26.767	ng/ul	99
82)	Pyrene	19.751	202	3961393	25.834	ng/ul	99
83)	Butylbenzylphthalate	20.616	149	1458354	23.598	ng/ul	97
84)	3,3'-Dichlorobenzidine	21.392	252	1022246	18.498	ng/ul	100
85)	Benzo(a)anthracene	21.469	228	3385598	21.200	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.374	149	2081726	23.099	ng/ul	99
87)	Chrysene	21.521	228	3182705	21.242	ng/ul	100
89)	Di-n-octyl phthalate	22.339	149	3209454	26.119	ng/ul	100
90)	Benzo(b)fluoranthene	23.221	252	3219358	21.015	ng/ul	100
91)	Benzo(k)fluoranthene	23.268	252	3163649	21.777	ng/ul	100
93)	Benzo(a)pyrene	23.880	252	2853023	21.093	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.621	276	3496882	21.125	ng/ul	100
95)	Dibenzo(a,h)anthracene	26.633	278	3151402	21.263	ng/ul	99
96)	Benzo(g,h,i)perylene	27.427	276	3074933	21.400	ng/ul	99

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

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