Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP012998.D
Acq On : 08 Dec 2022 23:22
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020697

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022

Quant Time: Dec 09 04:10:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 08 00:35:07 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	645233	20.000	ng/ul	0.00
20) Naphthalene-d8	10.793	136	2789349	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.616	164	1866683	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.369	188	4210429	20.000	ng/ul	0.00
79) Chrysene-d12	21.457	240	3930940	20.000	ng/ul	0.00
88) Perylene-d12	23.945	264	4043006	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	113114	7.496	ng/uL	0.00
4) Pyridine-d5	3.781	84	809572	18.885	ng/ul	0.00
7) Phenol-d5	7.128	99	1000195	19.031	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	630964	19.902	ng/ul	0.00
11) 2-Chlorophenol-d4	7.505	132	822904	19.890	ng/ul	0.00
15) 4-Methylphenol-d8	8.681	113	841091	19.532	ng/ul	0.00
21) Nitrobenzene-d5	9.146	128	415679	20.283	ng/ul	0.00
24) 2-Nitrophenol-d4	9.869	143	473002	20.501	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.405	165	911597	20.341	ng/ul	0.00
31) 4-Chloroaniline-d4	10.928	131	1281878	20.261	ng/ul	0.00
46) Dimethylphthalate-d6	14.022	166	2860974	19.942	ng/ul	0.00
49) Acenaphthylene-d8	14.310	160	3199653	20.297	ng/ul	0.00
54) 4-Nitrophenol-d4	14.804	143	500039	19.377	ng/ul	0.00
60) Fluorene-d10	15.610	176	2453290	20.213	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.722	200	500190	18.461	ng/ul	0.00
73) Anthracene-d10	17.469	188	3835226	20.191	ng/ul	0.00
81) Pyrene-d10	19.698	212	4503106	19.957	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.780	264	3997167	19.835	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	115357	7.323	ng/uL	97
5) Pyridine	3.805	79	802525	18.836	ng/ul	98
6) Benzaldehyde	7.111	77	398317	19.355	ng/ul	98
8) Phenol	7.158	94	1023895	19.268	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.393	93	860533	19.731	ng/ul	98
12) 2-Chlorophenol	7.534	128	842664	19.862	ng/ul	99
13) 2-Methylphenol	8.416	108	807358	19.488	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.499	45	1220715	20.397	ng/ul	98
16) Acetophenone	8.805	105	1369288	20.738	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.787	70	676597	20.377	ng/ul	98
18) 4-Methylphenol	8.746	108	906514	19.755	ng/ul	97
19) Hexachloroethane	9.063	117	335492	19.788	ng/ul	96
22) Nitrobenzene	9.187	77	975506	20.285	ng/ul	100
23) Isophorone	9.716	82	1947658	20.029	ng/ul	100
25) 2-Nitrophenol	9.899	139	511425	20.458	ng/ul	97
26) 2,4-Dimethylphenol	9.957	107	984028	20.174	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.193	93	1246970	20.055	ng/ul	99
29) 2,4-Dichlorophenol	10.434	162	893241	20.347	ng/ul	99
30) Naphthalene	10.840	128	2906555	19.924	ng/ul	100
32) 4-Chloroaniline	10.952	127	1277116	20.399	ng/ul	100
33) Hexachlorobutadiene	11.122	225	601803	19.966	ng/ul	97
34) Caprolactam	11.728	113	280159m	18.717	ng/ul	
35) 4-Chloro-3-methylphenol	12.063	107	921048	20.559	ng/ul	98
36) 2-Methylnaphthalene	12.446	142	2032057	20.305	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.663	142	2093367	20.340	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.810	216	1217132	20.249	ng/ul	99
40) Hexachlorocyclopentadiene	12.787	237	736264	18.823	ng/ul	99
41) 2,4,6-Trichlorophenol	13.046	196	786698	20.365	ng/ul	100
42) 2,4,5-Trichlorophenol	13.116	196	849197	20.466	ng/ul	100
43) 1,1'-Biphenyl	13.446	154	2835137	20.223	ng/ul	99
44) 2-Chloronaphthalene	13.493	162	2220809	20.127	ng/ul	99
45) 2-Nitroaniline	13.693	65	560760	20.961	ng/ul	97
47) Dimethylphthalate	14.069	163	2837252	19.954	ng/ul	99
48) 2,6-Dinitrotoluene	14.187	165	552355	20.903	ng/ul	99
50) Acenaphthylene	14.334	152	3443109	20.316	ng/ul	99
51) 3-Nitroaniline	14.516	138	454601	18.219	ng/ul	98
52) Acenaphthene	14.681	153	2364036	20.129	ng/ul	99
53) 2,4-Dinitrophenol	14.722	184	300258	16.623	ng/ul	95
55) 4-Nitrophenol	14.822	109	355185	20.171	ng/ul	97
56) Dibenzofuran	15.010	168	3353045	20.080	ng/ul	100
57) 2,4-Dinitrotoluene	14.975	165	793357	20.669	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.234	232	760423	20.082	ng/ul	99
59) Diethylphthalate	15.434	149	2753442	19.920	ng/ul	99
61) Fluorene	15.663	166	2727611	20.368	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.657	204	1448222	20.450	ng/ul	98
63) 4-Nitroaniline	15.681	138	418646	19.067	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.740	198	497760	18.799	ng/ul	99
67) N-Nitrosodiphenylamine	15.869	169	2336411	20.015	ng/ul	100
68) 4-Bromophenyl-phenylether	16.551	248	917560	20.067	ng/ul	97
69) Hexachlorobenzene	16.669	284	1080968	19.910	ng/ul	100
70) Atrazine	16.822	200	904545	19.885	ng/ul	99
71) Pentachlorophenol	17.016	266	614026	18.675	ng/ul	99
72) Phenanthrene	17.410	178	4396071	20.045	ng/ul	100
74) Anthracene	17.504	178	4467724	20.403	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.416	216	1212635	20.187	ng/uL	100
76) Pentachlorobenzene	14.934	250	1229635	20.077	ng/uL	99
77) Carbazole	17.775	167	3939752	21.364	ng/ul	99
78) Di-n-butylphthalate	18.316	149	4672902	20.811	ng/ul	99
80) Fluoranthene	19.375	202	5270459	20.580	ng/ul	99
82) Pyrene	19.728	202	5450808	20.634	ng/ul	99
83) Butylbenzylphthalate	20.592	149	2067418	20.258	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.369	252	1635679	18.419	ng/ul	99
85) Benzo(a)anthracene	21.439	228	5298419	20.304	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.351	149	2981594	20.711	ng/ul	99
87) Chrysene	21.492	228	4954566	20.077	ng/ul	99
89) Di-n-octyl phthalate	22.304	149	4865000	21.479	ng/ul	100
90) Benzo(b)fluoranthene	23.180	252	5140477	19.939	ng/ul	99
91) Benzo(k)fluoranthene	23.233	252	5183790	20.277	ng/ul	100
93) Benzo(a)pyrene	23.833	252	4499562	20.044	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.551	276	5304635	18.971	ng/ul	99
95) Dibenzo(a,h)anthracene	26.568	278	4432185	19.144	ng/ul	100
96) Benzo(g,h,i)perylene	27.357	276	4114429	18.328	ng/ul	100

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

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