Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
Data File : BP012216.D
Acq On : 20 Oct 2022 16:32
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020786

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 10/21/2022
Supervised By :mohammad ahmed 10/24/2022

Quant Time: Oct 20 23:23:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 20 00:51:41 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	408498	20.000	ng/ul	0.00
20) Naphthalene-d8	10.628	136	1735252	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.475	164	1035835	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.233	188	1943171	20.000	ng/ul	0.00
79) Chrysene-d12	21.333	240	1512016	20.000	ng/ul	0.00
88) Perylene-d12	23.733	264	1528895	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	84466	8.368	ng/uL	0.00
4) Pyridine-d5	3.681	84	601426	20.678	ng/ul	0.00
7) Phenol-d5	6.993	99	737485	20.912	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	450211	21.050	ng/ul	0.00
11) 2-Chlorophenol-d4	7.357	132	585042	21.794	ng/ul	0.00
15) 4-Methylphenol-d8	8.540	113	583053	21.272	ng/ul	0.00
21) Nitrobenzene-d5	8.993	128	283041	22.036	ng/ul	0.00
24) 2-Nitrophenol-d4	9.716	143	308316	22.248	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	573806	22.074	ng/ul	0.00
31) 4-Chloroaniline-d4	10.775	131	797831	21.602	ng/ul	0.00
46) Dimethylphthalate-d6	13.892	166	1523511	21.144	ng/ul	0.00
49) Acenaphthylene-d8	14.169	160	1842062	22.397	ng/ul	0.00
54) 4-Nitrophenol-d4	14.686	143	260198	19.275	ng/ul	0.00
60) Fluorene-d10	15.475	176	1333534	21.513	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	222748	20.150	ng/ul	0.00
73) Anthracene-d10	17.333	188	1884796	22.129	ng/ul	0.00
81) Pyrene-d10	19.574	212	1898880	22.058	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.580	264	1667560	21.749	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	91209	8.397	ng/uL	96
5) Pyridine	3.699	79	592467	20.724	ng/ul	97
6) Benzaldehyde	6.969	77	402164m	24.262	ng/ul	
8) Phenol	7.022	94	772897	20.948	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.252	93	636085	21.360	ng/ul	99
12) 2-Chlorophenol	7.387	128	626027	21.614	ng/ul	99
13) 2-Methylphenol	8.275	108	587364	21.146	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.363	45	843289	21.295	ng/ul	99
16) Acetophenone	8.657	105	931991	22.012	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.640	70	457176	21.332	ng/ul	100
18) 4-Methylphenol	8.604	108	645288	21.331	ng/ul	100
19) Hexachloroethane	8.904	117	249014	21.766	ng/ul	98
22) Nitrobenzene	9.034	77	688956	22.015	ng/ul	99
23) Isophorone	9.563	82	1307018	21.759	ng/ul	99
25) 2-Nitrophenol	9.746	139	352266	22.373	ng/ul	100
26) 2,4-Dimethylphenol	9.810	107	686020	22.104	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.046	93	844926	21.488	ng/ul	99
29) 2,4-Dichlorophenol	10.281	162	590517	21.953	ng/ul	99
30) Naphthalene	10.681	128	2010883	21.668	ng/ul	99
32) 4-Chloroaniline	10.798	127	824218	21.621	ng/ul	99
33) Hexachlorobutadiene	10.957	225	377156	22.292	ng/ul	99
34) Caprolactam	11.593	113	156559	18.749	ng/ul	99
35) 4-Chloro-3-methylphenol	11.928	107	619932	21.346	ng/ul	100
36) 2-Methylnaphthalene	12.292	142	1351200	21.399	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.516	142	1351456	21.435	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.663	216	712705	22.644	ng/ul	100
40) Hexachlorocyclopentadiene	12.634	237	349456	20.884	ng/ul	99
41) 2,4,6-Trichlorophenol	12.904	196	459538	22.623	ng/ul	99
42) 2,4,5-Trichlorophenol	12.981	196	490085	22.117	ng/ul	98
43) 1,1'-Biphenyl	13.310	154	1729010	22.443	ng/ul	99
44) 2-Chloronaphthalene	13.351	162	1368133	22.399	ng/ul	99
45) 2-Nitroaniline	13.563	65	351024	21.617	ng/ul	99
47) Dimethylphthalate	13.939	163	1599411	21.183	ng/ul	100
48) 2,6-Dinitrotoluene	14.063	165	313671	21.711	ng/ul	99
50) Acenaphthylene	14.198	152	2052161	22.393	ng/ul	100
51) 3-Nitroaniline	14.392	138	311371	20.418	ng/ul	100
52) Acenaphthene	14.539	153	1430942	22.079	ng/ul	100
53) 2,4-Dinitrophenol	14.604	184	154429	17.802	ng/ul	97
55) 4-Nitrophenol	14.704	109	194666	19.410	ng/ul	98
56) Dibenzofuran	14.875	168	1942207	21.891	ng/ul	99
57) 2,4-Dinitrotoluene	14.851	165	427038	20.711	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.104	232	395819	21.129	ng/ul	97
59) Diethylphthalate	15.304	149	1539504	20.745	ng/ul	99
61) Fluorene	15.528	166	1538039	21.881	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.522	204	771758	22.032	ng/ul	99
63) 4-Nitroaniline	15.563	138	300152	20.967	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.616	198	240849	20.755	ng/ul	100
67) N-Nitrosodiphenylamine	15.739	169	1295477	22.970	ng/ul	100
68) 4-Bromophenyl-phenylether	16.422	248	464970	22.600	ng/ul	96
69) Hexachlorobenzene	16.533	284	543860	22.426	ng/ul	98
70) Atrazine	16.704	200	414048	21.030	ng/ul	99
71) Pentachlorophenol	16.886	266	301917	20.624	ng/ul	99
72) Phenanthrene	17.280	178	2306953	22.089	ng/ul	99
74) Anthracene	17.369	178	2306807	22.324	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.269	216	710487	24.503	ng/uL	100
76) Pentachlorobenzene	14.792	250	731496	23.950	ng/uL	99
77) Carbazole	17.645	167	1992931	21.853	ng/ul	99
78) Di-n-butylphthalate	18.198	149	2315814	21.168	ng/ul	100
80) Fluoranthene	19.251	202	2385640	22.426	ng/ul	98
82) Pyrene	19.604	202	2431023	22.337	ng/ul	97
83) Butylbenzylphthalate	20.480	149	900969	21.284	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.251	252	702769	21.340	ng/ul	99
85) Benzo(a)anthracene	21.316	228	2127198	21.586	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.233	149	1269549	21.407	ng/ul	99
87) Chrysene	21.368	228	2035737	22.137	ng/ul	99
89) Di-n-octyl phthalate	22.163	149	2026393	19.163	ng/ul	100
90) Benzo(b)fluoranthene	23.004	252	2170011	21.297	ng/ul	100
91) Benzo(k)fluoranthene	23.051	252	2047420	20.385	ng/ul	100
93) Benzo(a)pyrene	23.627	252	1885540	21.640	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.239	276	2449045	24.281	ng/ul	99
95) Dibenzo(a,h)anthracene	26.256	278	2228643	24.508	ng/ul	100
96) Benzo(g,h,i)perylene	27.009	276	2208261	23.317	ng/ul	99

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

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