Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122222\
Data File : BP013267.D
Acq On : 23 Dec 2022 04:43
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020717

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022

Quant Time: Dec 24 00:19:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 24 00:19:17 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	623838	20.000	ng/ul	0.00
20) Naphthalene-d8	10.757	136	2613532	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.586	164	1630915	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.345	188	3124994	20.000	ng/ul	0.00
79) Chrysene-d12	21.433	240	2303977	20.000	ng/ul	0.00
88) Perylene-d12	23.915	264	2714838	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	109971	7.537	ng/uL	0.00
4) Pyridine-d5	3.758	84	858107	20.704	ng/ul	0.00
7) Phenol-d5	7.110	99	1066150	20.982	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	645374	21.055	ng/ul	0.00
11) 2-Chlorophenol-d4	7.475	132	855520	21.388	ng/ul	0.00
15) 4-Methylphenol-d8	8.657	113	860727	20.673	ng/ul	0.00
21) Nitrobenzene-d5	9.116	128	420711	21.909	ng/ul	0.00
24) 2-Nitrophenol-d4	9.840	143	485039	22.437	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	924896	22.026	ng/ul	0.00
31) 4-Chloroaniline-d4	10.898	131	1148576	19.376	ng/ul	0.00
46) Dimethylphthalate-d6	13.998	166	2495332	19.908	ng/ul	0.00
49) Acenaphthylene-d8	14.281	160	2914818	21.163	ng/ul	0.00
54) 4-Nitrophenol-d4	14.792	143	381917	16.939	ng/ul	0.00
60) Fluorene-d10	15.581	176	2136526	20.148	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.704	200	341997	17.006	ng/ul	0.00
73) Anthracene-d10	17.445	188	2974951	21.102	ng/ul	0.00
81) Pyrene-d10	19.680	212	2846971	21.528	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.757	264	2809750	20.764	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.369	88	118296	7.767	ng/uL	98
5) Pyridine	3.781	79	851606	20.674	ng/ul	97
6) Benzaldehyde	7.081	77	413279	20.771	ng/ul	99
8) Phenol	7.134	94	1083998	21.099	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.363	93	860161	20.398	ng/ul	97
12) 2-Chlorophenol	7.504	128	870346	21.218	ng/ul	96
13) 2-Methylphenol	8.393	108	824575	20.587	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.481	45	1281833	22.153	ng/ul	98
16) Acetophenone	8.775	105	1332111	20.867	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.757	70	673537	20.981	ng/ul	94
18) 4-Methylphenol	8.722	108	916582	20.660	ng/ul	99
19) Hexachloroethane	9.028	117	331619	20.230	ng/ul	99
22) Nitrobenzene	9.157	77	999167	22.174	ng/ul	98
23) Isophorone	9.687	82	1868189	20.504	ng/ul	98
25) 2-Nitrophenol	9.869	139	512021	21.859	ng/ul	94
26) 2,4-Dimethylphenol	9.928	107	982298	21.493	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.163	93	1178021	20.221	ng/ul	99
29) 2,4-Dichlorophenol	10.404	162	901557	21.918	ng/ul	99
30) Naphthalene	10.810	128	2858212	20.911	ng/ul	100
32) 4-Chloroaniline	10.922	127	1160501	19.783	ng/ul	100
33) Hexachlorobutadiene	11.093	225	614082	21.744	ng/ul	98
34) Caprolactam	11.710	113	252324m	17.991	ng/ul	
35) 4-Chloro-3-methylphenol	12.045	107	885516	21.095	ng/ul	98
36) 2-Methylnaphthalene	12.416	142	1920427	20.480	ng/ul	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.634	142	1963954	20.366	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.781	216	1172391	22.325	ng/ul	98
40)	Hexachlorocyclopentadiene	12.757	237	259514	7.594	ng/ul	97
41)	2,4,6-Trichlorophenol	13.022	196	750167	22.227	ng/ul	99
42)	2,4,5-Trichlorophenol	13.092	196	802947	22.149	ng/ul	99
43)	1,1'-Biphenyl	13.422	154	2605186	21.269	ng/ul	99
44)	2-Chloronaphthalene	13.463	162	2085333	21.631	ng/ul	100
45)	2-Nitroaniline	13.669	65	556833	23.824	ng/ul	91
47)	Dimethylphthalate	14.045	163	2490001	20.043	ng/ul	99
48)	2,6-Dinitrotoluene	14.169	165	503730	21.818	ng/ul	99
50)	Acenaphthylene	14.310	152	3115213	21.038	ng/ul	100
51)	3-Nitroaniline	14.498	138	449337	20.611	ng/ul	98
52)	Acenaphthene	14.651	153	2142748	20.882	ng/ul	100
53)	2,4-Dinitrophenol	14.704	184	204743	12.974	ng/ul	99
55)	4-Nitrophenol	14.804	109	286127	18.599	ng/ul	93
56)	Dibenzofuran	14.986	168	3011799	20.644	ng/ul	100
57)	2,4-Dinitrotoluene	14.957	165	682682	20.356	ng/ul	100
58)	2,3,4,6-Tetrachlorophenol	15.216	232	664159	20.075	ng/ul	97
59)	Diethylphthalate	15.404	149	2363060	19.567	ng/ul	100
61)	Fluorene	15.639	166	2408713	20.587	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.628	204	1279312	20.676	ng/ul	98
63)	4-Nitroaniline	15.663	138	377595	19.683	ng/ul	97
66)	4,6-Dinitro-2-methylph...	15.716	198	335122	17.053	ng/ul	93
67)	N-Nitrosodiphenylamine	15.845	169	2008382	23.181	ng/ul	100
68)	4-Bromophenyl-phenylether	16.528	248	781898	23.040	ng/ul	99
69)	Hexachlorobenzene	16.645	284	895797	22.230	ng/ul	99
70)	Atrazine	16.804	200	736537	21.816	ng/ul	99
71)	Pentachlorophenol	16.992	266	459728	18.839	ng/ul	99
72)	Phenanthrene	17.386	178	3412468	20.965	ng/ul	100
74)	Anthracene	17.480	178	3445717	21.201	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.387	216	1149740	25.788	ng/uL	100
76)	Pentachlorobenzene	14.904	250	1116600	24.564	ng/uL	99
77)	Carbazole	17.751	167	2793392	20.409	ng/ul	99
78)	Di-n-butylphthalate	18.292	149	3531557	21.191	ng/ul	99
80)	Fluoranthene	19.351	202	3380190	22.520	ng/ul	99
82)	Pyrene	19.710	202	3438761	22.209	ng/ul	97
83)	Butylbenzylphthalate	20.569	149	1204667	20.139	ng/ul	96
84)	3,3'-Dichlorobenzidine	21.351	252	854160	16.411	ng/ul	99
85)	Benzo(a)anthracene	21.421	228	3264462	21.343	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.327	149	1642524	19.466	ng/ul	99
87)	Chrysene	21.474	228	3066703	21.202	ng/ul	100
89)	Di-n-octyl phthalate	22.280	149	2782244	18.293	ng/ul	100
90)	Benzo(b)fluoranthene	23.157	252	3474770	20.072	ng/ul	100
91)	Benzo(k)fluoranthene	23.204	252	3434958	20.010	ng/ul	100
93)	Benzo(a)pyrene	23.810	252	3127287	20.746	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.515	276	4225334	22.504	ng/ul	99
95)	Dibenzo(a,h)anthracene	26.527	278	3528593	22.698	ng/ul	100
96)	Benzo(g,h,i)perylene	27.309	276	3434374	22.784	ng/ul	98

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

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