Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020525\
Data File : BP023953.D
Acq On : 06 Feb 2025 03:11
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020797

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

Quant Time: Feb 06 07:57:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 11:19:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	436466	20.000	ng/ul	0.00
20) Naphthalene-d8	10.546	136	1905130	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.392	164	1202498	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	2386748	20.000	ng/ul	0.00
79) Chrysene-d12	21.621	240	2432317	20.000	ng/ul	-0.02
88) Perylene-d12	24.992	264	2367793	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	89623	8.532	ng/uL	0.00
4) Pyridine-d5	3.699	84	688824	22.724	ng/ul	0.00
7) Phenol-d5	6.952	99	843019	21.825	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.105	67	468556	22.918	ng/ul	0.00
11) 2-Chlorophenol-d4	7.310	132	670778	22.115	ng/ul	0.00
15) 4-Methylphenol-d8	8.469	113	667624	21.159	ng/ul	0.00
21) Nitrobenzene-d5	8.916	128	329194	21.597	ng/ul	0.00
24) 2-Nitrophenol-d4	9.628	143	341175	20.744	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.169	165	650208	21.550	ng/ul	0.00
31) 4-Chloroaniline-d4	10.675	131	977440	21.662	ng/ul	0.00
46) Dimethylphthalate-d6	13.798	166	1835358	20.462	ng/ul	0.00
49) Acenaphthylene-d8	14.081	160	2201553	21.763	ng/ul	0.00
54) 4-Nitrophenol-d4	14.598	143	361944	20.319	ng/ul	-0.01
60) Fluorene-d10	15.398	176	1614379	21.373	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.516	200	264801	17.984	ng/ul	0.00
73) Anthracene-d10	17.286	188	2598792	22.176	ng/ul	0.00
81) Pyrene-d10	19.657	212	2849475	21.864	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.745	264	2721636	22.030	ng/ul	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	95783	8.670	ng/uL	99
5) Pyridine	3.722	79	699785	23.059	ng/ul	98
6) Benzaldehyde	6.922	77	527831	27.843	ng/ul	98
8) Phenol	6.975	94	887441	22.375	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.193	93	669159	22.164	ng/ul	98
12) 2-Chlorophenol	7.340	128	700781	22.426	ng/ul	97
13) 2-Methylphenol	8.210	108	639159	21.418	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.281	45	713201	22.897	ng/ul	100
16) Acetophenone	8.581	105	1090227	22.602	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.569	70	508463	22.385	ng/ul	98
18) 4-Methylphenol	8.534	108	725885	21.923	ng/ul	99
19) Hexachloroethane	8.840	117	277825	22.485	ng/ul	95
22) Nitrobenzene	8.952	77	764239	23.104	ng/ul	97
23) Isophorone	9.481	82	1386930	20.766	ng/ul	99
25) 2-Nitrophenol	9.657	139	380536	21.213	ng/ul	97
26) 2,4-Dimethylphenol	9.722	107	737413	22.209	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.951	93	887288	21.328	ng/ul	100
29) 2,4-Dichlorophenol	10.193	162	666693	21.790	ng/ul	98
30) Naphthalene	10.593	128	2268315	22.243	ng/ul	100
32) 4-Chloroaniline	10.698	127	936984	22.004	ng/ul	99
33) Hexachlorobutadiene	10.881	225	398880	21.534	ng/ul	99
34) Caprolactam	11.469	113	217635	18.360	ng/ul	94
35) 4-Chloro-3-methylphenol	11.834	107	688483	20.933	ng/ul	97
36) 2-Methylnaphthalene	12.198	142	1537702	21.446	ng/ul	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.416	142	1514832	21.296	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.569	216	791430	22.263	ng/ul	99
40)	Hexachlorocyclopentadiene	12.557	237	336294	16.788	ng/ul	98
41)	2,4,6-Trichlorophenol	12.810	196	491299	20.690	ng/ul	98
42)	2,4,5-Trichlorophenol	12.887	196	552033	21.568	ng/ul	99
43)	1,1'-Biphenyl	13.216	154	1987435	22.265	ng/ul	100
44)	2-Chloronaphthalene	13.251	162	1555526	22.365	ng/ul	99
45)	2-Nitroaniline	13.451	65	403810	22.308	ng/ul	89
47)	Dimethylphthalate	13.845	163	1857828	20.817	ng/ul	99
48)	2,6-Dinitrotoluene	13.951	165	362161	20.765	ng/ul	95
50)	Acenaphthylene	14.110	152	2418097	22.445	ng/ul	100
51)	3-Nitroaniline	14.287	138	418973	21.859	ng/ul	97
52)	Acenaphthene	14.457	153	1690558	22.133	ng/ul	99
53)	2,4-Dinitrophenol	14.498	184	197568	19.001	ng/ul	93
55)	4-Nitrophenol	14.610	109	282070	22.383	ng/ul	94
56)	Dibenzofuran	14.792	168	2354420	22.245	ng/ul	98
57)	2,4-Dinitrotoluene	14.757	165	537164	20.707	ng/ul#	88
58)	2,3,4,6-Tetrachlorophenol	15.022	232	438588	20.138	ng/ul#	90
59)	Diethylphthalate	15.222	149	1877059	20.993	ng/ul	100
61)	Fluorene	15.457	166	1975352	22.498	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.451	204	946776	21.783	ng/ul	97
63)	4-Nitroaniline	15.469	138	460031	24.669	ng/ul	96
66)	4,6-Dinitro-2-methylph...	15.528	198	295745	18.269	ng/ul	97
67)	N-Nitrosodiphenylamine	15.663	169	1600095	21.966	ng/ul	100
68)	4-Bromophenyl-phenylether	16.363	248	556021	20.649	ng/ul	98
69)	Hexachlorobenzene	16.481	284	668976	20.504	ng/ul	97
70)	Atrazine	16.633	200	572135	20.283	ng/ul	97
71)	Pentachlorophenol	16.833	266	377148	18.793	ng/ul	98
72)	Phenanthrene	17.233	178	3036561	22.529	ng/ul	100
74)	Anthracene	17.322	178	3076153	22.631	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.181	216	767742	21.967	ng/uL	99
76)	Pentachlorobenzene	14.716	250	813267	21.593	ng/uL	100
77)	Carbazole	17.598	167	2773069	23.287	ng/ul	99
78)	Di-n-butylphthalate	18.198	149	3119038	21.162	ng/ul	100
80)	Fluoranthene	19.316	202	3322128	22.130	ng/ul	100
82)	Pyrene	19.686	202	3630175	23.124	ng/ul	99
83)	Butylbenzylphthalate	20.633	149	1345693	19.906	ng/ul	97
84)	3,3'-Dichlorobenzidine	21.527	252	1022006	19.421	ng/ul	99
85)	Benzo(a)anthracene	21.604	228	3502402	21.898	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.545	149	1989460	20.169	ng/ul	98
87)	Chrysene	21.674	228	3272288	22.204	ng/ul	99
89)	Di-n-octyl phthalate	22.827	149	3000444	21.139	ng/ul	100
90)	Benzo(b)fluoranthene	23.910	252	3229163	22.476	ng/ul	100
91)	Benzo(k)fluoranthene	23.980	252	3359477	23.325	ng/ul	99
93)	Benzo(a)pyrene	24.821	252	2975237	22.175	ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	28.786	276	3693417m	21.237	ng/ul	
95)	Dibenzo(a,h)anthracene	28.892	278	2977615	21.106	ng/ul	99
96)	Benzo(g,h,i)perylene	29.974	276	2851445	21.406	ng/ul	100

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

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