Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021425\
Data File : BM049660.D
Acq On : 14 Feb 2025 14:54
Operator : RC/JU
Sample : SSTD08082
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD080024

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 02/18/2025
Supervised By :Jagrut Upadhyay 02/18/2025

Quant Time: Feb 18 12:03:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM021425.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 18 11:46:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	255333	20.000	ng/ul	0.00
20) Naphthalene-d8	10.610	136	971204	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.451	164	632603	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.192	188	1263745	20.000	ng/ul	0.00
79) Chrysene-d12	21.427	240	1434349	20.000	ng/ul	0.00
88) Perylene-d12	24.444	264	1215530	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	205017	30.642	ng/uL	0.00
4) Pyridine-d5	3.663	84	1599035	80.503	ng/ul	0.00
7) Phenol-d5	6.987	99	1729702	83.277	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.145	67	1115240	80.993	ng/ul	0.00
11) 2-Chlorophenol-d4	7.351	132	1352420	88.799	ng/ul	0.00
15) 4-Methylphenol-d8	8.534	113	1329752	85.029	ng/ul	0.01
21) Nitrobenzene-d5	8.969	128	632779	86.692	ng/ul	0.00
24) 2-Nitrophenol-d4	9.692	143	700830	94.763	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.234	165	1455875	90.623	ng/ul	0.00
31) 4-Chloroaniline-d4	10.745	131	1834963	82.830	ng/ul	0.00
46) Dimethylphthalate-d6	13.863	166	3964522	84.833	ng/ul	0.00
49) Acenaphthylene-d8	14.145	160	4870002	88.924	ng/ul	0.00
54) 4-Nitrophenol-d4	14.663	143	712055	87.190	ng/ul	0.02
60) Fluorene-d10	15.445	176	3667526	89.615	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	669601	91.522	ng/ul	0.01
73) Anthracene-d10	17.292	188	5903971	91.675	ng/ul	0.00
81) Pyrene-d10	19.580	212	7243015	91.030	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.244	264	6387782	98.580	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	215238	30.898	ng/uL	96
5) Pyridine	3.687	79	1608447	79.456	ng/ul	95
6) Benzaldehyde	6.951	77	867574	73.777	ng/ul	99
8) Phenol	7.016	94	1791058	82.511	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.240	93	1415050	81.267	ng/ul	98
12) 2-Chlorophenol	7.381	128	1378183	86.063	ng/ul	100
13) 2-Methylphenol	8.263	108	1289455	84.562	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.334	45	1946927	80.813	ng/ul	99
16) Acetophenone	8.634	105	2233262	84.791	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.634	70	1196703	88.452	ng/ul	97
18) 4-Methylphenol	8.592	108	1411534	84.229	ng/ul	97
19) Hexachloroethane	8.898	117	591501	82.227	ng/ul	99
22) Nitrobenzene	9.010	77	1599839	82.171	ng/ul	99
23) Isophorone	9.545	82	3089391	87.654	ng/ul	99
25) 2-Nitrophenol	9.722	139	762433	91.175	ng/ul	98
26) 2,4-Dimethylphenol	9.792	107	1382732	84.527	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.022	93	1838568	83.535	ng/ul	99
29) 2,4-Dichlorophenol	10.263	162	1412020	86.509	ng/ul	97
30) Naphthalene	10.663	128	4301839	84.383	ng/ul	99
32) 4-Chloroaniline	10.769	127	1754797	82.066	ng/ul	99
33) Hexachlorobutadiene	10.951	225	978966	84.342	ng/ul	98
34) Caprolactam	11.557	113	404496m	84.355	ng/ul	
35) 4-Chloro-3-methylphenol	11.904	107	1319561	91.068	ng/ul	99
36) 2-Methylnaphthalene	12.275	142	3121819	87.325	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.492	142	3106915	87.755	ng/ul	98
39)	1,2,4,5-Tetrachloroben...	12.645	216	2035242	91.433	ng/ul	98
40)	Hexachlorocyclopentadiene	12.627	237	1169728	84.961	ng/ul	96
41)	2,4,6-Trichlorophenol	12.886	196	1173382	94.212	ng/ul	99
42)	2,4,5-Trichlorophenol	12.957	196	1258201	92.223	ng/ul	99
43)	1,1'-Biphenyl	13.286	154	4142551	86.121	ng/ul	98
44)	2-Chloronaphthalene	13.327	162	3257273	84.724	ng/ul	99
45)	2-Nitroaniline	13.527	65	899563	91.518	ng/ul	96
47)	Dimethylphthalate	13.910	163	3918723	84.013	ng/ul	99
48)	2,6-Dinitrotoluene	14.027	165	780077	93.853	ng/ul	94
50)	Acenaphthylene	14.174	152	4973737	87.927	ng/ul	100
51)	3-Nitroaniline	14.351	138	748890	85.770	ng/ul	97
52)	Acenaphthene	14.516	153	3552677	87.275	ng/ul	98
53)	2,4-Dinitrophenol	14.557	184	441110	94.136	ng/ul	93
55)	4-Nitrophenol	14.674	109	581092	85.539	ng/ul	98
56)	Dibenzofuran	14.851	168	4845672	85.075	ng/ul	100
57)	2,4-Dinitrotoluene	14.810	165	1129752	92.821	ng/ul	99
58)	2,3,4,6-Tetrachlorophenol	15.080	232	1038426	97.859	ng/ul	95
59)	Diethylphthalate	15.280	149	3873512	86.009	ng/ul	99
61)	Fluorene	15.498	166	4534070	91.177	ng/ul	97
62)	4-Chlorophenyl-phenyle...	15.498	204	2482397	95.027	ng/ul	92
63)	4-Nitroaniline	15.516	138	729558	82.639	ng/ul	98
66)	4,6-Dinitro-2-methylph...	15.574	198	743014	90.444	ng/ul#	99
67)	N-Nitrosodiphenylamine	15.710	169	3473042	89.283	ng/ul	99
68)	4-Bromophenyl-phenylether	16.386	248	1349135	94.670	ng/ul	97
69)	Hexachlorobenzene	16.504	284	1535054	92.123	ng/ul#	91
70)	Atrazine	16.663	200	1274451	84.086	ng/ul	99
71)	Pentachlorophenol	16.845	266	916907	89.727	ng/ul	99
72)	Phenanthrene	17.233	178	6665454	90.611	ng/ul	99
74)	Anthracene	17.327	178	6796957	91.447	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.251	216	1903146	88.135	ng/uL	99
76)	Pentachlorobenzene	14.774	250	1912706	90.369	ng/uL	98
77)	Carbazole	17.592	167	5850422	85.807	ng/ul	99
78)	Di-n-butylphthalate	18.162	149	7027539	93.942	ng/ul	99
80)	Fluoranthene	19.251	202	8291850	90.164	ng/ul	96
82)	Pyrene	19.609	202	8978761	89.141	ng/ul	98
83)	Butylbenzylphthalate	20.509	149	3132433	93.259	ng/ul	97
84)	3,3'-Dichlorobenzidine	21.333	252	2667999	89.727	ng/ul#	97
85)	Benzo(a)anthracene	21.409	228	8862543	89.239	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.345	149	4977711	92.669	ng/ul#	95
87)	Chrysene	21.474	228	8129991	88.920	ng/ul	98
89)	Di-n-octyl phthalate	22.486	149	7882951	99.122	ng/ul	100
90)	Benzo(b)fluoranthene	23.497	252	7816838	98.458	ng/ul	98
91)	Benzo(k)fluoranthene	23.562	252	7983005	99.184	ng/ul	98
93)	Benzo(a)pyrene	24.315	252	7183756	97.712	ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	27.862	276	8623014	94.296	ng/ul	98
95)	Dibenzo(a,h)anthracene	27.927	278	7200438	96.040	ng/ul	98
96)	Benzo(g,h,i)perylene	28.926	276	6253165	89.415	ng/ul	97

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

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD080024

Manual Integrations APPROVED

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