Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110724\
Data File : BM048513.D
Acq On : 07 Nov 2024 15:59
Operator : RC/JU
Sample : SSTD01055
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 07 22:43:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 07 22:15:00 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD010042

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/08/2024

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11/08/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	130095	20.000	ng/ul	0.00
20) Naphthalene-d8	10.451	136	519797	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.316	164	307132	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.063	188	608376	20.000	ng/ul	0.00
79) Chrysene-d12	21.286	240	606583	20.000	ng/ul	0.00
88) Perylene-d12	24.197	264	721668	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	13254	4.011	ng/uL	0.00
4) Pyridine-d5	3.552	84	87689	9.155	ng/ul	0.00
7) Phenol-d5	6.846	99	92012	8.233	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.004	67	57565	8.315	ng/ul	0.00
11) 2-Chlorophenol-d4	7.204	132	79685	8.767	ng/ul	0.00
15) 4-Methylphenol-d8	8.387	113	70807	7.891	ng/ul	0.00
21) Nitrobenzene-d5	8.828	128	34651	8.131	ng/ul	0.00
24) 2-Nitrophenol-d4	9.545	143	36203	7.842	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	72451	8.600	ng/ul	0.00
31) 4-Chloroaniline-d4	10.604	131	94585	8.085	ng/ul	0.00
46) Dimethylphthalate-d6	13.728	166	191596	8.348	ng/ul	0.00
49) Acenaphthylene-d8	14.010	160	224484	8.674	ng/ul	0.00
54) 4-Nitrophenol-d4	14.545	143	24164	5.757	ng/ul	0.01
60) Fluorene-d10	15.310	176	169392	8.734	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	21022	5.229	ng/ul	0.00
73) Anthracene-d10	17.163	188	252598	8.781	ng/ul	0.00
81) Pyrene-d10	19.457	212	292142	7.937	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.997	264	326410	8.575	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.163	88	14190	4.062	ng/uL	96
5) Pyridine	3.569	79	90028	9.171	ng/ul	97
6) Benzaldehyde	6.810	77	59902m	10.829	ng/ul	
8) Phenol	6.875	94	98838	8.491	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.099	93	78292	8.419	ng/ul	99
12) 2-Chlorophenol	7.234	128	83060	8.901	ng/ul	98
13) 2-Methylphenol	8.122	108	69749	7.965	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.187	45	121602	8.556	ng/ul	98
16) Acetophenone	8.493	105	116782	8.263	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.475	70	54751	7.553	ng/ul	99
18) 4-Methylphenol	8.451	108	79190	8.194	ng/ul	97
19) Hexachloroethane	8.734	117	35513	9.028	ng/ul	96
22) Nitrobenzene	8.869	77	81115	8.191	ng/ul	98
23) Isophorone	9.393	82	150283	7.831	ng/ul	100
25) 2-Nitrophenol	9.581	139	39905	7.886	ng/ul	97
26) 2,4-Dimethylphenol	9.645	107	78980	8.502	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.875	93	95662	8.037	ng/ul	96
29) 2,4-Dichlorophenol	10.116	162	73171	8.488	ng/ul	99
30) Naphthalene	10.504	128	257219	8.860	ng/ul	99
32) 4-Chloroaniline	10.628	127	89230	7.872	ng/ul	98
33) Hexachlorobutadiene	10.787	225	51526	8.970	ng/ul	97
34) Caprolactam	11.410	113	18983m	6.905	ng/ul	
35) 4-Chloro-3-methylphenol	11.763	107	68063	7.847	ng/ul	99
36) 2-Methylnaphthalene	12.122	142	164947	8.429	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.345	142	168418	8.484	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.498	216	89128	9.166	ng/ul	99
40) Hexachlorocyclopentadiene	12.475	237	36081	6.199	ng/ul	99
41) 2,4,6-Trichlorophenol	12.751	196	53394	8.507	ng/ul	98
42) 2,4,5-Trichlorophenol	12.828	196	56158	8.471	ng/ul	95
43) 1,1'-Biphenyl	13.145	154	211012	8.958	ng/ul	98
44) 2-Chloronaphthalene	13.186	162	163198	8.940	ng/ul	99
45) 2-Nitroaniline	13.404	65	36387	7.203	ng/ul	97
47) Dimethylphthalate	13.775	163	193805	8.419	ng/ul	99
48) 2,6-Dinitrotoluene	13.898	165	33782	7.548	ng/ul	96
50) Acenaphthylene	14.033	152	253509	8.968	ng/ul	99
51) 3-Nitroaniline	14.239	138	33109	7.027	ng/ul	98
52) Acenaphthene	14.380	153	177774	8.862	ng/ul	99
53) 2,4-Dinitrophenol	14.457	184	10353	3.401	ng/ul	93
55) 4-Nitrophenol	14.557	109	18774	6.127	ng/ul	94
56) Dibenzofuran	14.716	168	246030	8.915	ng/ul	99
57) 2,4-Dinitrotoluene	14.698	165	49679	7.592	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.951	232	46489	8.180	ng/ul	98
59) Diethylphthalate	15.145	149	189351	8.176	ng/ul	99
61) Fluorene	15.369	166	196447	8.940	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.363	204	97595	8.847	ng/ul	99
63) 4-Nitroaniline	15.404	138	32435m	7.603	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.463	198	24721	5.736	ng/ul#	98
67) N-Nitrosodiphenylamine	15.580	169	160258	8.823	ng/ul	99
68) 4-Bromophenyl-phenylether	16.257	248	56426	8.501	ng/ul	99
69) Hexachlorobenzene	16.369	284	68933	8.680	ng/ul	99
70) Atrazine	16.533	200	54275	8.727	ng/ul	96
71) Pentachlorophenol	16.721	266	37808	7.524	ng/ul	93
72) Phenanthrene	17.104	178	301446	8.948	ng/ul	99
74) Anthracene	17.198	178	298508	8.853	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.110	216	87751	9.114	ng/uL	99
76) Pentachlorobenzene	14.639	250	85095	8.685	ng/uL	99
77) Carbazole	17.474	167	255784	8.640	ng/ul	99
78) Di-n-butylphthalate	18.033	149	305701	7.858	ng/ul	99
80) Fluoranthene	19.121	202	337706	7.885	ng/ul	99
82) Pyrene	19.486	202	372869	8.120	ng/ul	99
83) Butylbenzylphthalate	20.386	149	131211	6.914	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.198	252	111122	8.396	ng/ul	100
85) Benzo(a)anthracene	21.268	228	367500	8.401	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.192	149	196858	7.199	ng/ul	100
87) Chrysene	21.327	228	359776	8.746	ng/ul	99
89) Di-n-octyl phthalate	22.292	149	338179	6.264	ng/ul	100
90) Benzo(b)fluoranthene	23.280	252	382558	8.307	ng/ul	98
91) Benzo(k)fluoranthene	23.339	252	381990	8.284	ng/ul	99
93) Benzo(a)pyrene	24.062	252	358853	8.565	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.474	276	466637	9.248	ng/ul	99
95) Dibenzo(a,h)anthracene	27.521	278	383367	9.290	ng/ul	98
96) Benzo(g,h,i)perylene	28.497	276	365637	9.443	ng/ul	98

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

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