Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012825\
Data File : BM049463.D
Acq On : 28 Jan 2025 10:52
Operator : RC/JU
Sample : SSTD00572
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 28 14:15:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 28 13:51:43 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD005013

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/29/2025
Supervised By :mohammad ahmed 02/05/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	246820	20.000	ng/ul	0.00
20) Naphthalene-d8	10.275	136	887892	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.151	164	564359	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.904	188	1127447	20.000	ng/ul	0.00
79) Chrysene-d12	21.133	240	996181	20.000	ng/ul	0.00
88) Perylene-d12	23.915	264	958776	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.116	96	12556m	2.046	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	7.051	132	67678	4.266	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	8.657	128	28668	4.199	ng/ul	0.00
24) 2-Nitrophenol-d4	9.369	143	29215	3.849	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.910	165	64386	4.167	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.574	166	187330	4.456	ng/ul	0.00
49) Acenaphthylene-d8	13.839	160	209899	4.352	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.151	176	159809	4.379	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.004	188	248833	4.434	ng/ul	0.00
81) Pyrene-d10	19.309	212	274086	4.551	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.721	264	210395	4.080	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.152	88	12432	1.839	ng/uL	96
12) 2-Chlorophenol	7.087	128	72609	4.412	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.316	70	59441	4.305	ng/ul	98
19) Hexachloroethane	8.575	117	31478	4.439	ng/ul	96
22) Nitrobenzene	8.698	77	81658	4.592	ng/ul	99
23) Isophorone	9.222	82	147574	4.361	ng/ul	100
25) 2-Nitrophenol	9.404	139	34216	4.097	ng/ul	95
26) 2,4-Dimethylphenol	9.475	107	68904	4.419	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.710	93	92550	4.414	ng/ul	99
29) 2,4-Dichlorophenol	9.933	162	66635	4.302	ng/ul	97
30) Naphthalene	10.322	128	219439	4.631	ng/ul	97
33) Hexachlorobutadiene	10.610	225	52775	4.726	ng/ul	99
35) 4-Chloro-3-methylphenol	11.580	107	55785	3.958	ng/ul	100
36) 2-Methylnaphthalene	11.945	142	146349	4.371	ng/ul	97
37) 1-Methylnaphthalene	12.169	142	142170	4.278	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.322	216	93213	4.642	ng/ul	99
41) 2,4,6-Trichlorophenol	12.574	196	51100	4.189	ng/ul	94
42) 2,4,5-Trichlorophenol	12.651	196	53425	4.117	ng/ul	96
43) 1,1'-Biphenyl	12.980	154	193232	4.622	ng/ul	98
44) 2-Chloronaphthalene	13.016	162	156345	4.640	ng/ul	97
45) 2-Nitroaniline	13.233	65	33702	3.849	ng/ul	96
47) Dimethylphthalate	13.621	163	190944	4.592	ng/ul	100
48) 2,6-Dinitrotoluene	13.739	165	28935	3.773	ng/ul	91
50) Acenaphthylene	13.868	152	220882	4.457	ng/ul	100

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52) Acenaphthene	14.216	153	160171	4.532	ng/ul	99
56) Dibenzofuran	14.557	168	230413	4.572	ng/ul	98
57) 2,4-Dinitrotoluene	14.533	165	44386	3.910	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.792	232	44513	4.107	ng/ul	97
59) Diethylphthalate	14.998	149	176193	4.383	ng/ul	99
61) Fluorene	15.210	166	181717	4.455	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.215	204	100955	4.519	ng/ul	94
67) N-Nitrosodiphenylamine	15.427	169	145127	4.299	ng/ul	99
68) 4-Bromophenyl-phenylether	16.104	248	56422	4.340	ng/ul	93
69) Hexachlorobenzene	16.215	284	67201	4.464	ng/ul	96
72) Phenanthrene	16.945	178	280396	4.433	ng/ul	99
74) Anthracene	17.039	178	281656	4.442	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.939	216	90633	4.659	ng/uL	99
76) Pentachlorobenzene	14.474	250	86818	4.525	ng/uL	97
78) Di-n-butylphthalate	17.898	149	276698	4.081	ng/ul	99
80) Fluoranthene	18.974	202	318361	4.607	ng/ul	99
82) Pyrene	19.339	202	341184	4.627	ng/ul	99
83) Butylbenzylphthalate	20.268	149	101182	3.921	ng/ul	99
85) Benzo(a)anthracene	21.115	228	317402	4.538	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.074	149	144421	3.762	ng/ul	98
87) Chrysene	21.174	228	291026	4.533	ng/ul	98
90) Benzo(b)fluoranthene	23.038	252	268396	4.189	ng/ul	97
91) Benzo(k)fluoranthene	23.097	252	274324	4.333	ng/ul	99
93) Benzo(a)pyrene	23.780	252	246769	4.235	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.991	276	287699	4.176	ng/ul	97
95) Dibenzo(a,h)anthracene	27.050	278	226599	4.047	ng/ul	99
96) Benzo(g,h,i)perylene	27.944	276	220541	4.266	ng/ul	99

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

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