Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022822\
Data File : BM034095.D
Acq On : 28 Feb 2022 13:23
Operator : CG/JU
Sample : SSTD04035
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD040035

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/01/2022
Supervised By :mohammad ahmed 03/02/2022

Quant Time: Feb 28 14:02:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022822.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 28 13:57:40 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.001	152	175193	20.000	ng/ul	0.00
20) Naphthalene-d8	10.813	136	702950	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.636	164	503001	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.377	188	1103619	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.547	240	1144089	20.000	ng/ul	# 0.00
88) Perylene-d12	23.994	264	1026866	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	59003	13.283	ng/uL	0.00
4) Pyridine-d5	3.790	84	398714	32.157	ng/ul	0.00
7) Phenol-d5	7.148	99	502592	34.243	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.319	67	277905	31.058	ng/ul	0.00
11) 2-Chlorophenol-d4	7.525	132	450570	38.317	ng/ul	0.00
15) 4-Methylphenol-d8	8.707	113	430934	37.053	ng/ul	0.00
21) Nitrobenzene-d5	9.160	128	218609	38.757	ng/ul	0.00
24) 2-Nitrophenol-d4	9.889	143	256108	42.047	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.430	165	510209	46.288	ng/ul	0.00
31) 4-Chloroaniline-d4	10.942	131	624853	41.051	ng/ul	0.00
46) Dimethylphthalate-d6	14.042	166	1563218	41.589	ng/ul	0.00
49) Acenaphthylene-d8	14.330	160	1930559	41.927	ng/ul	0.00
54) 4-Nitrophenol-d4	14.818	143	275313	42.872	ng/ul	0.01
60) Fluorene-d10	15.624	176	1344377	42.834	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.736	200	292186	42.172	ng/ul	0.00
73) Anthracene-d10	17.477	188	2182429	41.293	ng/ul	0.00
81) Pyrene-d10	19.759	212	2557090	37.858	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.841	264	2185977	40.530	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.407	88	55801	11.511	ng/uL#	82
5) Pyridine	3.813	79	401714	31.389	ng/ul#	80
6) Benzaldehyde	7.125	77	330225	37.264	ng/ul#	78
8) Phenol	7.178	94	483830	32.145	ng/ul#	85
10) Bis(2-Chloroethyl)ether	7.413	93	385744	32.447	ng/ul	87
12) 2-Chlorophenol	7.560	128	441403	35.828	ng/ul#	81
13) 2-Methylphenol	8.437	108	385847	33.941	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.537	45	422315	26.388	ng/ul#	90
16) Acetophenone	8.825	105	670314	36.306	ng/ul#	83
17) N-Nitroso-di-n-propyla...	8.819	70	319482	34.083	ng/ul#	87
18) 4-Methylphenol	8.772	108	425918	35.118	ng/ul	98
19) Hexachloroethane	9.095	117	180454	33.759	ng/ul#	60
22) Nitrobenzene	9.207	77	466755	33.426	ng/ul#	85
23) Isophorone	9.736	82	877140	35.000	ng/ul#	91
25) 2-Nitrophenol	9.919	139	263864	40.376	ng/ul#	76
26) 2,4-Dimethylphenol	9.978	107	516573	36.236	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.219	93	525548	33.732	ng/ul#	96
29) 2,4-Dichlorophenol	10.460	162	487994	44.311	ng/ul	94
30) Naphthalene	10.866	128	1425604	36.663	ng/ul	99
32) 4-Chloroaniline	10.966	127	612771	39.649	ng/ul	99
33) Hexachlorobutadiene	11.160	225	358620	44.006	ng/ul	96
34) Caprolactam	11.736	113	134357m	42.867	ng/ul	
35) 4-Chloro-3-methylphenol	12.089	107	469558	37.208	ng/ul#	73
36) 2-Methylnaphthalene	12.472	142	1058579	41.323	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.689	142	1068664	40.695	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.842	216	665669	41.610	ng/ul#	95
40) Hexachlorocyclopentadiene	12.824	237	449435	38.082	ng/ul	99
41) 2,4,6-Trichlorophenol	13.072	196	429773	43.142	ng/ul	97
42) 2,4,5-Trichlorophenol	13.142	196	467846	44.272	ng/ul	92
43) 1,1'-Biphenyl	13.477	154	1498692	37.168	ng/ul#	97
44) 2-Chloronaphthalene	13.519	162	1175028	38.651	ng/ul	95
45) 2-Nitroaniline	13.713	65	287643	32.152	ng/ul#	64
47) Dimethylphthalate	14.095	163	1518083	40.212	ng/ul	99
48) 2,6-Dinitrotoluene	14.207	165	315526	43.790	ng/ul#	83
50) Acenaphthylene	14.360	152	1877433	38.242	ng/ul	99
51) 3-Nitroaniline	14.530	138	303021	42.598	ng/ul#	74
52) Acenaphthene	14.701	153	1233179	38.368	ng/ul	97
53) 2,4-Dinitrophenol	14.730	184	196329	44.651	ng/ul#	75
55) 4-Nitrophenol	14.830	109	249845	40.302	ng/ul#	79
56) Dibenzofuran	15.036	168	1793435	39.651	ng/ul	92
57) 2,4-Dinitrotoluene	14.989	165	459623	44.706	ng/ul#	71
58) 2,3,4,6-Tetrachlorophenol	15.254	232	410403	47.203	ng/ul	90
59) Diethylphthalate	15.454	149	1537961	39.997	ng/ul	98
61) Fluorene	15.683	166	1527790	42.206	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.677	204	808180	43.709	ng/ul	89
63) 4-Nitroaniline	15.689	138	327021	47.658	ng/ul	82
66) 4,6-Dinitro-2-methylph...	15.748	198	286004	41.314	ng/ul#	86
67) N-Nitrosodiphenylamine	15.883	169	1311758	38.302	ng/ul	99
68) 4-Bromophenyl-phenylether	16.565	248	491358	41.206	ng/ul	91
69) Hexachlorobenzene	16.689	284	592400	43.449	ng/ul#	88
70) Atrazine	16.836	200	534888	41.507	ng/ul	97
71) Pentachlorophenol	17.024	266	386717	44.221	ng/ul	98
72) Phenanthrene	17.418	178	2434806	39.234	ng/ul	99
74) Anthracene	17.512	178	2482192	39.799	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.442	216	688634	35.703	ng/uL	97
76) Pentachlorobenzene	14.960	250	685084	39.844	ng/uL	98
77) Carbazole	17.771	167	2169766	39.304	ng/ul	99
78) Di-n-butylphthalate	18.342	149	2628228	38.287	ng/ul	98
80) Fluoranthene	19.430	202	2967703	36.705	ng/ul#	91
82) Pyrene	19.789	202	3040496	36.794	ng/ul#	90
83) Butylbenzylphthalate	20.683	149	1139040	33.830	ng/ul#	78
84) 3,3'-Dichlorobenzidine	21.459	252	1066847	46.859	ng/ul	95
85) Benzo(a)anthracene	21.530	228	2848087	38.427	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.465	149	1777645	36.204	ng/ul#	98
87) Chrysene	21.583	228	2766526	38.195	ng/ul	100
89) Di-n-octyl phthalate	22.406	149	2750974	36.997	ng/ul	100
90) Benzo(b)fluoranthene	23.253	252	2794149	40.058	ng/ul#	97
91) Benzo(k)fluoranthene	23.300	252	2519018	39.336	ng/ul#	98
93) Benzo(a)pyrene	23.894	252	2575698	39.050	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.565	276	2735502	35.880	ng/ul	97
95) Dibenzo(a,h)anthracene	26.582	278	2367824	35.882	ng/ul#	96
96) Benzo(g,h,i)perylene	27.347	276	2298610	35.857	ng/ul#	95

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

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