Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040724\
Data File : BM045035.D
Acq On : 08 Apr 2024 08:53
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020093

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/09/2024
Supervised By :mohammad ahmed 04/09/2024

Quant Time: Apr 08 09:38:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 08 05:51:38 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	84729	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.398	136	373430	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.274	164	236148	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.033	188	508174	20.000	ng/ul	-0.01
79) Chrysene-d12	21.239	240	497624	20.000	ng/ul	-0.01
88) Perylene-d12	23.462	264	599393	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.204	96	17700	7.801	ng/uL	0.00
4) Pyridine-d5	3.604	84	120894	19.593	ng/ul	0.00
7) Phenol-d5	6.804	99	150470	20.948	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	6.975	67	89776	20.978	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.157	132	122835	21.828	ng/ul	-0.01
15) 4-Methylphenol-d8	8.334	113	119184	21.198	ng/ul	-0.01
21) Nitrobenzene-d5	8.786	128	59569	20.767	ng/ul	0.00
24) 2-Nitrophenol-d4	9.498	143	64386	21.266	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.028	165	122851	22.131	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.551	131	177336	20.066	ng/ul	-0.01
46) Dimethylphthalate-d6	13.698	166	334760	20.360	ng/ul	-0.01
49) Acenaphthylene-d8	13.963	160	418991	21.570	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.504	143	63474	18.497	ng/ul	-0.01
60) Fluorene-d10	15.274	176	310808	21.203	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.415	200	51540	17.105	ng/ul	-0.01
73) Anthracene-d10	17.133	188	483675	21.158	ng/ul	0.00
81) Pyrene-d10	19.439	212	563640	23.003	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.321	264	616180	21.073	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	18368	7.751	ng/uL#	86
5) Pyridine	3.622	79	127859	19.557	ng/ul	99
6) Benzaldehyde	6.792	77	89862	26.988	ng/ul	99
8) Phenol	6.834	94	155385	20.890	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.069	93	122164	21.044	ng/ul	97
12) 2-Chlorophenol	7.192	128	127409	21.577	ng/ul	99
13) 2-Methylphenol	8.069	108	115367	21.013	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.145	45	145842	21.064	ng/ul	98
16) Acetophenone	8.451	105	188591	20.632	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.434	70	93810	21.736	ng/ul#	98
18) 4-Methylphenol	8.392	108	127310	21.513	ng/ul	98
19) Hexachloroethane	8.675	117	54408	20.949	ng/ul	98
22) Nitrobenzene	8.828	77	150492	21.384	ng/ul	96
23) Isophorone	9.351	82	258322	19.979	ng/ul	98
25) 2-Nitrophenol	9.528	139	71170	21.179	ng/ul	92
26) 2,4-Dimethylphenol	9.586	107	135840	20.968	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.833	93	158657	20.698	ng/ul	98
29) 2,4-Dichlorophenol	10.057	162	121812	21.720	ng/ul	97
30) Naphthalene	10.445	128	409189	20.699	ng/ul	99
32) 4-Chloroaniline	10.580	127	170452	19.821	ng/ul	98
33) Hexachlorobutadiene	10.710	225	72400	20.763	ng/ul	92
34) Caprolactam	11.375	113	36313m	19.179	ng/ul	
35) 4-Chloro-3-methylphenol	11.704	107	120488	21.612	ng/ul	100
36) 2-Methylnaphthalene	12.069	142	269444	20.875	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.292	142	275403	21.085	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.439	216	138918	21.510	ng/ul	97
40) Hexachlorocyclopentadiene	12.404	237	64603	16.525	ng/ul	95
41) 2,4,6-Trichlorophenol	12.692	196	94502	22.432	ng/ul	97
42) 2,4,5-Trichlorophenol	12.769	196	101429	21.851	ng/ul	98
43) 1,1'-Biphenyl	13.098	154	352997	21.169	ng/ul	97
44) 2-Chloronaphthalene	13.139	162	291454	21.513	ng/ul	99
45) 2-Nitroaniline	13.368	65	82431	22.042	ng/ul	97
47) Dimethylphthalate	13.745	163	347037	20.193	ng/ul	99
48) 2,6-Dinitrotoluene	13.874	165	71384	21.192	ng/ul	89
50) Acenaphthylene	13.992	152	481607	21.229	ng/ul	99
51) 3-Nitroaniline	14.210	138	78214	21.286	ng/ul	95
52) Acenaphthene	14.339	153	316310	20.895	ng/ul	99
53) 2,4-Dinitrophenol	14.421	184	29796	14.878	ng/ul	92
55) 4-Nitrophenol	14.521	109	56940	18.867	ng/ul	96
56) Dibenzofuran	14.674	168	433709	20.937	ng/ul	97
57) 2,4-Dinitrotoluene	14.668	165	107375	21.295	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.910	232	88478	22.271	ng/ul#	93
59) Diethylphthalate	15.121	149	357592	20.395	ng/ul	99
61) Fluorene	15.327	166	360392	20.641	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.333	204	169577	20.721	ng/ul	98
63) 4-Nitroaniline	15.380	138	67646	20.250	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.433	198	55653	17.247	ng/ul	95
67) N-Nitrosodiphenylamine	15.551	169	296533	21.631	ng/ul	99
68) 4-Bromophenyl-phenylether	16.227	248	105510	21.318	ng/ul	97
69) Hexachlorobenzene	16.327	284	137220	21.314	ng/ul	99
70) Atrazine	16.515	200	101372	20.103	ng/ul	99
71) Pentachlorophenol	16.680	266	76313	19.514	ng/ul	97
72) Phenanthrene	17.074	178	570000	20.843	ng/ul	99
74) Anthracene	17.168	178	580903	20.766	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.057	216	138908	21.688	ng/uL	98
76) Pentachlorobenzene	14.586	250	144649	21.226	ng/uL	96
77) Carbazole	17.451	167	534252	19.807	ng/ul	99
78) Di-n-butylphthalate	18.015	149	652748	21.459	ng/ul	99
80) Fluoranthene	19.103	202	664927	23.008	ng/ul	99
82) Pyrene	19.468	202	708677	22.723	ng/ul	98
83) Butylbenzylphthalate	20.392	149	304932	23.337	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.168	252	225794	20.407	ng/ul	97
85) Benzo(a)anthracene	21.227	228	722166	21.388	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.168	149	479155	23.460	ng/ul	99
87) Chrysene	21.280	228	666956	21.189	ng/ul	99
89) Di-n-octyl phthalate	22.050	149	797921	21.158	ng/ul	100
90) Benzo(b)fluoranthene	22.797	252	729617	20.885	ng/ul	99
91) Benzo(k)fluoranthene	22.838	252	747587	21.261	ng/ul	99
93) Benzo(a)pyrene	23.362	252	717935	21.116	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.685	276	895712	20.338	ng/ul	99
95) Dibenzo(a,h)anthracene	25.703	278	761842	20.690	ng/ul	99
96) Benzo(g,h,i)perylene	26.368	276	715061	20.581	ng/ul	99

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

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