Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041123\
Data File : BM039394.D
Acq On : 11 Apr 2023 15:27
Operator : CG/JU
Sample : 02269-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CHRT-20424MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

Quant Time: Apr 12 05:11:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 11 16:05:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.863	152	217535	20.000	ng		0.00
21) Naphthalene-d8	10.675	136	868169	20.000	ng	#	0.00
39) Acenaphthene-d10	14.533	164	525682	20.000	ng		0.02
64) Phenanthrene-d10	17.321	188	463951	20.000	ng	#	0.05
76) Chrysene-d12	21.486	240	800673	20.000	ng	#	0.02
86) Perylene-d12	23.868	264	1022864	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	929011	64.341	ng		0.00
7) Phenol-d6	7.040	99	1178109	63.083	ng		0.00
23) Nitrobenzene-d5	9.034	82	725145	40.596	ng		0.00
42) 2,4,6-Tribromophenol	16.045	330	342105	51.267	ng		0.03
45) 2-Fluorobiphenyl	13.145	172	1642542	42.335	ng		0.00
79) Terphenyl-d14	19.939	244	1483009	34.220	ng		0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.275	88	203846	34.540	ng		97
3) Pyridine	3.687	79	514423	31.114	ng		98
4) n-Nitrosodimethylamine	3.599	42	226322	34.854	ng		100
6) Aniline	7.193	93	266280	11.520	ng		99
8) 2-Chlorophenol	7.428	128	583883	39.510	ng		99
9) Benzaldehyde	6.999	77	374438	35.207	ng		99
10) Phenol	7.063	94	726677	38.828	ng		99
11) bis(2-Chloroethyl)ether	7.287	93	654913	43.498	ng		92
12) 1,3-Dichlorobenzene	7.746	146	659474	42.078	ng		100
13) 1,4-Dichlorobenzene	7.898	146	660330	41.668	ng		99
14) 1,2-Dichlorobenzene	8.216	146	637712	42.084	ng		99
15) Benzyl Alcohol	8.110	79	504896	39.307	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.398	45	784311m	40.727	ng		
17) 2-Methylphenol	8.322	107	477850	36.494	ng		100
18) Hexachloroethane	8.940	117	248600	40.554	ng		99
19) n-Nitroso-di-n-propyla...	8.675	70	437878	36.679	ng		97
20) 3+4-Methylphenols	8.651	107	641048	36.433	ng		97
22) Acetophenone	8.693	105	888288	38.268	ng		99
24) Nitrobenzene	9.075	77	638572	35.941	ng		100
25) Isophorone	9.604	82	1228007	36.851	ng		99
26) 2-Nitrophenol	9.787	139	297708	36.248	ng		99
27) 2,4-Dimethylphenol	9.857	122	520090	38.112	ng		98
28) bis(2-Chloroethoxy)met...	10.087	93	755355	37.445	ng		98
29) 2,4-Dichlorophenol	10.328	162	526985	39.580	ng		98
30) 1,2,4-Trichlorobenzene	10.534	180	586268	41.159	ng		99
31) Naphthalene	10.722	128	1823702	38.985	ng		99
32) Benzoic acid	10.010	122	409139	38.468	ng		97
33) 4-Chloroaniline	10.851	127	201383	9.826	ng		97
34) Hexachlorobutadiene	11.004	225	345793	41.285	ng		99
35) Caprolactam	11.657	113	177433	38.381	ng	#	53
36) 4-Chloro-3-methylphenol	11.981	107	551612	37.550	ng		97
37) 2-Methylnaphthalene	12.339	142	1200584	36.866	ng		99
38) 1-Methylnaphthalene	12.557	142	1120009	36.730	ng		100
40) 1,2,4,5-Tetrachloroben...	12.710	216	607502	37.957	ng		98
41) Hexachlorocyclopentadiene	12.681	237	441970	50.547	ng		99
43) 2,4,6-Trichlorophenol	12.957	196	406852	37.274	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.033	196	444934	34.771	ng	#	85
46) 1,1'-Biphenyl	13.357	154	1643022	39.580	ng		100
47) 2-Chloronaphthalene	13.398	162	1270263	40.414	ng		98
48) 2-Nitroaniline	13.610	65	406739	38.454	ng		98
49) Acenaphthylene	14.251	152	1912033	37.012	ng	#	88
50) Dimethylphthalate	13.986	163	1433403	35.382	ng	#	93
51) 2,6-Dinitrotoluene	14.110	165	342362	39.297	ng	#	79
52) Acenaphthene	14.598	154	1108693	36.346	ng		96
53) 3-Nitroaniline	14.439	138	173905	17.267	ng	#	76
54) 2,4-Dinitrophenol	14.657	184	77912	15.101	ng	#	46
55) Dibenzofuran	14.933	168	1648404	33.566	ng		93
56) 4-Nitrophenol	14.769	139	478650	61.631	ng	#	1
57) 2,4-Dinitrotoluene	14.904	165	286210	24.285	ng	#	78
58) Fluorene	15.586	166	1180665	30.361	ng	#	84
59) 2,3,4,6-Tetrachlorophenol	15.169	232	324463	31.873	ng	#	66
60) Diethylphthalate	15.357	149	1589434	38.978	ng	#	78
61) 4-Chlorophenyl-phenyle...	15.580	204	570664	29.610	ng	#	59
62) 4-Nitroaniline	15.610	138	137274	13.282	ng	#	57
63) Azobenzene	15.880	77	1037635	25.399	ng	#	75
65) 4,6-Dinitro-2-methylph...	15.674	198	44992	14.741	ng	#	1
66) n-Nitrosodiphenylamine	15.798	169	1038411	71.027	ng		96
67) 4-Bromophenyl-phenylether	16.492	248	289064	58.341	ng	#	54
68) Hexachlorobenzene	16.621	284	329379	61.310	ng	#	5
69) Atrazine	16.786	200	455026	98.268	ng	#	36
70) Pentachlorophenol	16.968	266	357388	92.722	ng		97
71) Phenanthrene	17.363	178	1142045	44.945	ng	#	61
72) Anthracene	17.457	178	1022608	39.468	ng	#	63
73) Carbazole	17.721	167	852648	35.218	ng	#	59
74) Di-n-butylphthalate	18.280	149	1237478	41.320	ng	#	81
75) Fluoranthene	19.386	202	1503778	51.917	ng		86
78) Pyrene	19.745	202	1765307	30.971	ng	#	92
80) Butylbenzylphthalate	20.615	149	872135	33.398	ng		89
81) Benzo(a)anthracene	21.474	228	2431702	43.063	ng		99
82) 3,3'-Dichlorobenzidine	21.403	252	175263	9.317	ng	#	78
83) Chrysene	21.527	228	2356197	43.223	ng		99
84) Bis(2-ethylhexyl)phtha...	21.386	149	1646874	42.702	ng		97
85) Di-n-octyl phthalate	22.303	149	3025632	43.544	ng	#	95
87) Indeno(1,2,3-cd)pyrene	26.350	276	3287456	43.621	ng		99
88) Benzo(b)fluoranthene	23.145	252	2896361	46.277	ng	#	96
89) Benzo(k)fluoranthene	23.192	252	2718192	42.638	ng	#	97
90) Benzo(a)pyrene	23.768	252	2518879	40.968	ng		98
91) Dibenzo(a,h)anthracene	26.362	278	2638289	41.691	ng		98
92) Benzo(g,h,i)perylene	27.109	276	2810026	45.153	ng		99

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

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