Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041267.D
Acq On : 03 Aug 2023 18:23
Operator : MA/JU
Sample : 03717-04MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-2MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

Quant Time: Aug 04 01:21:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 19:20:51 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.798	152	153760	20.000	ng		0.00
21) Naphthalene-d8	10.604	136	689148	20.000	ng		0.00
39) Acenaphthene-d10	14.463	164	458737	20.000	ng		0.00
64) Phenanthrene-d10	17.227	188	999979	20.000	ng		0.00
76) Chrysene-d12	21.427	240	780124	20.000	ng		0.00
86) Perylene-d12	23.797	264	781434	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	979053	95.166	ng		0.00
7) Phenol-d6	6.987	99	1341609	100.605	ng		0.00
23) Nitrobenzene-d5	8.975	82	842433	56.848	ng		0.00
42) 2,4,6-Tribromophenol	15.968	330	645047	99.412	ng		0.00
45) 2-Fluorobiphenyl	13.080	172	2002329	55.139	ng		0.00
79) Terphenyl-d14	19.862	244	3105226	71.968	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.257	88	132473	30.101	ng		97
3) Pyridine	3.663	79	390811	33.773	ng		96
4) n-Nitrosodimethylamine	3.581	42	200576	37.478	ng		90
6) Aniline	7.134	93	682957	43.761	ng		98
8) 2-Chlorophenol	7.363	128	550068	54.769	ng		100
9) Benzaldehyde	6.945	77	309355m	43.964	ng		
10) Phenol	7.010	94	713956	55.432	ng		98
11) bis(2-Chloroethyl)ether	7.234	93	508303	48.754	ng		95
12) 1,3-Dichlorobenzene	7.681	146	549010	50.218	ng		99
13) 1,4-Dichlorobenzene	7.834	146	560906	51.045	ng		99
14) 1,2-Dichlorobenzene	8.145	146	550789	52.277	ng		99
15) Benzyl Alcohol	8.057	79	525550	62.406	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.339	45	639733	46.053	ng		95
17) 2-Methylphenol	8.257	107	480277	54.580	ng		99
18) Hexachloroethane	8.863	117	165195	40.381	ng		94
19) n-Nitroso-di-n-propyla...	8.622	70	438619	54.151	ng		95
20) 3+4-Methylphenols	8.592	107	663051	56.356	ng		98
22) Acetophenone	8.639	105	824059	45.150	ng	#	97
24) Nitrobenzene	9.016	77	649045	43.310	ng		100
25) Isophorone	9.545	82	1229941	48.894	ng		99
26) 2-Nitrophenol	9.728	139	228528	39.009	ng		94
27) 2,4-Dimethylphenol	9.792	122	504550	48.943	ng		97
28) bis(2-Chloroethoxy)met...	10.028	93	725876	46.066	ng		99
29) 2,4-Dichlorophenol	10.263	162	579205	55.714	ng		99
30) 1,2,4-Trichlorobenzene	10.469	180	580314	50.524	ng		98
31) Naphthalene	10.657	128	1703217	45.544	ng		100
32) Benzoic acid	9.986	122	406086	51.786	ng		99
33) 4-Chloroaniline	10.786	127	471132	31.524	ng		98
34) Hexachlorobutadiene	10.922	225	353382	51.156	ng		98
35) Caprolactam	11.622	113	191771m	63.767	ng		
36) 4-Chloro-3-methylphenol	11.927	107	622139	56.858	ng		96
37) 2-Methylnaphthalene	12.274	142	1233138	48.910	ng		99
38) 1-Methylnaphthalene	12.498	142	1164980	49.369	ng		100
40) 1,2,4,5-Tetrachloroben...	12.645	216	694814	46.645	ng		99
41) Hexachlorocyclopentadiene	12.610	237	282948	35.905	ng		99
43) 2,4,6-Trichlorophenol	12.898	196	500388	52.412	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.974	196	540787	48.939	ng		95
46) 1,1'-Biphenyl	13.298	154	1643793	44.201	ng		98
47) 2-Chloronaphthalene	13.339	162	1306729	47.059	ng		98
48) 2-Nitroaniline	13.563	65	459400	51.830	ng		96
49) Acenaphthylene	14.186	152	2081166	46.434	ng		100
50) Dimethylphthalate	13.939	163	1823972	52.858	ng		99
51) 2,6-Dinitrotoluene	14.063	165	328822	45.990	ng		96
52) Acenaphthene	14.533	154	1239546	45.908	ng		100
53) 3-Nitroaniline	14.398	138	422686	50.922	ng		94
54) 2,4-Dinitrophenol	14.615	184	176228	39.672	ng	#	88
55) Dibenzofuran	14.868	168	2054484	46.637	ng		98
56) 4-Nitrophenol	14.727	139	594645	99.792	ng		93
57) 2,4-Dinitrotoluene	14.862	165	447259	44.038	ng		95
58) Fluorene	15.521	166	1664207	47.887	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.104	232	459051	51.301	ng		96
60) Diethylphthalate	15.304	149	1684860	50.490	ng		98
61) 4-Chlorophenyl-phenyle...	15.515	204	876874	50.352	ng		95
62) 4-Nitroaniline	15.574	138	414311	53.783	ng		98
63) Azobenzene	15.809	77	1701169	46.540	ng		97
65) 4,6-Dinitro-2-methylph...	15.627	198	121311	20.026	ng		86
66) n-Nitrosodiphenylamine	15.739	169	1432113	46.048	ng		98
67) 4-Bromophenyl-phenylether	16.409	248	548367	50.015	ng		99
68) Hexachlorobenzene	16.521	284	645309	52.931	ng		97
69) Atrazine	16.698	200	444845	54.466	ng		100
70) Pentachlorophenol	16.880	266	710544	84.167	ng		99
71) Phenanthrene	17.268	178	2544429	45.797	ng		100
72) Anthracene	17.362	178	2571770	46.803	ng		100
73) Carbazole	17.645	167	2340482	47.060	ng		100
74) Di-n-butylphthalate	18.198	149	3095403	55.078	ng		99
75) Fluoranthene	19.292	202	2849863	45.656	ng		99
77) Benzidine	19.492	184	1324069	124.524	ng		100
78) Pyrene	19.656	202	2867226	52.556	ng		99
80) Butylbenzylphthalate	20.562	149	1302672	65.387	ng		93
81) Benzo(a)anthracene	21.415	228	2629569	49.721	ng		99
82) 3,3'-Dichlorobenzidine	21.350	252	1016638	58.911	ng		99
83) Chrysene	21.468	228	2386801	46.659	ng		99
84) Bis(2-ethylhexyl)phtha...	21.333	149	1911409	59.758	ng	#	96
85) Di-n-octyl phthalate	22.250	149	3076727	61.106	ng		97
87) Indeno(1,2,3-cd)pyrene	26.262	276	2580677	44.919	ng		96
88) Benzo(b)fluoranthene	23.080	252	2424765	52.233	ng		98
89) Benzo(k)fluoranthene	23.127	252	2361815	49.738	ng		98
90) Benzo(a)pyrene	23.697	252	2063260	46.256	ng		98
91) Dibenzo(a,h)anthracene	26.274	278	2182039	45.535	ng		97
92) Benzo(g,h,i)perylene	27.015	276	2025644	43.201	ng		96

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

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