Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102523\
Data File : BM042437.D
Acq On : 25 Oct 2023 14:46
Operator : MA/JU
Sample : 04919-03MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 25 15:16:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 21 02:32:53 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
LSS-B5-COMP-101723MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.992	152	122476	20.000	ng		0.00
21) Naphthalene-d8	10.816	136	503307	20.000	ng		0.00
39) Acenaphthene-d10	14.633	164	296850	20.000	ng		-0.01
64) Phenanthrene-d10	17.386	188	646159	20.000	ng		-0.01
76) Chrysene-d12	21.568	240	608525	20.000	ng		-0.01
86) Perylene-d12	24.027	264	667781	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	865190	99.839	ng		0.00
7) Phenol-d6	7.145	99	1131756	97.453	ng		0.00
23) Nitrobenzene-d5	9.192	82	741461	65.143	ng		0.00
42) 2,4,6-Tribromophenol	16.127	330	420900	128.504	ng		-0.01
45) 2-Fluorobiphenyl	13.257	172	1488329	67.516	ng		-0.01
79) Terphenyl-d14	19.998	244	2239331	65.263	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	151536	37.136	ng		95
3) Pyridine	3.804	79	390368	32.606	ng		96
4) n-Nitrosodimethylamine	3.734	42	220965	36.555	ng		91
6) Aniline	7.328	93	348433	23.565	ng		100
8) 2-Chlorophenol	7.545	128	404149	47.000	ng		96
9) Benzaldehyde	7.151	77	147152	21.755	ng		99
10) Phenol	7.175	94	532128	44.344	ng		99
11) bis(2-Chloroethyl)ether	7.428	93	405719	41.181	ng		97
12) 1,3-Dichlorobenzene	7.869	146	425312	47.819	ng		98
13) 1,4-Dichlorobenzene	8.028	146	434609	48.544	ng		98
14) 1,2-Dichlorobenzene	8.339	146	418066	48.630	ng		97
15) Benzyl Alcohol	8.251	79	382351	44.414	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.522	45	631474m	40.507	ng		
17) 2-Methylphenol	8.434	107	340239	42.967	ng		98
18) Hexachloroethane	9.057	117	166471	48.299	ng		91
19) n-Nitroso-di-n-propyla...	8.810	70	335997	42.687	ng		96
20) 3+4-Methylphenols	8.763	107	466610	43.932	ng		98
22) Acetophenone	8.839	105	611591	44.541	ng	#	97
24) Nitrobenzene	9.234	77	490569	43.081	ng		97
25) Isophorone	9.745	82	891608	46.095	ng		98
26) 2-Nitrophenol	9.933	139	213140	48.597	ng		94
27) 2,4-Dimethylphenol	9.975	122	347195	44.251	ng		99
28) bis(2-Chloroethoxy)met...	10.228	93	544937	44.467	ng		100
29) 2,4-Dichlorophenol	10.451	162	382267	56.025	ng		95
30) 1,2,4-Trichlorobenzene	10.663	180	393235	53.760	ng		99
31) Naphthalene	10.863	128	1235111	47.776	ng		99
32) Benzoic acid	10.092	122	217509	39.023	ng		96
33) 4-Chloroaniline	10.998	127	151754	13.520	ng		98
34) Hexachlorobutadiene	11.092	225	232618	58.769	ng		99
35) Caprolactam	11.827	113	131449	48.467	ng		89
36) 4-Chloro-3-methylphenol	12.098	107	422638	51.330	ng		97
37) 2-Methylnaphthalene	12.469	142	827172	47.531	ng		98
38) 1-Methylnaphthalene	12.686	142	805493	49.407	ng		99
40) 1,2,4,5-Tetrachloroben...	12.816	216	440930	51.380	ng		98
41) Hexachlorocyclopentadiene	12.763	237	375063	80.571	ng		98
43) 2,4,6-Trichlorophenol	13.069	196	301493	54.270	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.139	196	327795	49.914	ng		95
46) 1,1'-Biphenyl	13.474	154	1096592	46.566	ng		98
47) 2-Chloronaphthalene	13.521	162	829305	48.000	ng		99
48) 2-Nitroaniline	13.757	65	301177	40.104	ng		91
49) Acenaphthylene	14.368	152	1398358	50.134	ng		100
50) Dimethylphthalate	14.104	163	1040054	47.766	ng		99
51) 2,6-Dinitrotoluene	14.245	165	225353	45.967	ng		84
52) Acenaphthene	14.698	154	790485	46.877	ng		99
53) 3-Nitroaniline	14.580	138	143214	26.161	ng		99
54) 2,4-Dinitrophenol	14.786	184	182881	62.089	ng		91
55) Dibenzofuran	15.033	168	1280920	48.026	ng		98
56) 4-Nitrophenol	14.874	139	445092	100.366	ng		90
57) 2,4-Dinitrotoluene	15.027	165	307123	46.816	ng		84
58) Fluorene	15.686	166	1035570	49.203	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.251	232	296278	60.055	ng		89
60) Diethylphthalate	15.445	149	1041144	48.454	ng		98
61) 4-Chlorophenyl-phenyle...	15.674	204	521855	52.650	ng		93
62) 4-Nitroaniline	15.745	138	230738	41.783	ng		96
63) Azobenzene	15.968	77	1146886	44.488	ng		94
65) 4,6-Dinitro-2-methylph...	15.774	198	134986	34.644	ng		81
66) n-Nitrosodiphenylamine	15.898	169	897826	46.132	ng		97
67) 4-Bromophenyl-phenylether	16.568	248	317846	53.074	ng		95
68) Hexachlorobenzene	16.651	284	364038	56.869	ng		93
69) Atrazine	16.845	200	329391	66.740	ng		99
70) Pentachlorophenol	17.015	266	543091	100.008	ng		99
71) Phenanthrene	17.427	178	1653634	47.043	ng		100
72) Anthracene	17.521	178	1665490	47.841	ng		99
73) Carbazole	17.809	167	1565351	47.930	ng		98
74) Di-n-butylphthalate	18.327	149	1990904	48.133	ng		99
75) Fluoranthene	19.439	202	2018039	52.127	ng		98
77) Benzidine	19.650	184	1092646	124.138	ng		97
78) Pyrene	19.809	202	2091030	49.174	ng		100
80) Butylbenzylphthalate	20.686	149	950516	49.223	ng		92
81) Benzo(a)anthracene	21.550	228	1998007	48.978	ng		99
82) 3,3'-Dichlorobenzidine	21.492	252	519333	42.646	ng		98
83) Chrysene	21.609	228	1789574	45.674	ng		100
84) Bis(2-ethylhexyl)phtha...	21.433	149	1401678	50.930	ng	#	94
85) Di-n-octyl phthalate	22.374	149	2447742	51.491	ng		95
87) Indeno(1,2,3-cd)pyrene	26.615	276	2161884	44.300	ng		94
88) Benzo(b)fluoranthene	23.268	252	1932983	48.090	ng		98
89) Benzo(k)fluoranthene	23.321	252	1825010m	43.732	ng		
90) Benzo(a)pyrene	23.921	252	1675705	43.313	ng		97
91) Dibenzo(a,h)anthracene	26.632	278	1808078	44.562	ng		96
92) Benzo(g,h,i)perylene	27.421	276	1713498	43.485	ng	#	93

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

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