Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102523\
Data File : BM042445.D
Acq On : 25 Oct 2023 19:40
Operator : MA/JU
Sample : 04920-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LSS-B1-COMP-101623MSD

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

Quant Time: Oct 26 00:48:05 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.992	152	145224	20.000	ng		0.00
21) Naphthalene-d8	10.816	136	584745	20.000	ng		0.00
39) Acenaphthene-d10	14.639	164	338964	20.000	ng		0.00
64) Phenanthrene-d10	17.386	188	720756	20.000	ng		-0.01
76) Chrysene-d12	21.568	240	677612	20.000	ng		-0.01
86) Perylene-d12	24.033	264	740101	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	965798	93.991	ng		0.00
7) Phenol-d6	7.145	99	1250019	90.776	ng		0.00
23) Nitrobenzene-d5	9.192	82	852572	64.473	ng		0.00
42) 2,4,6-Tribromophenol	16.133	330	452757	121.591	ng		0.00
45) 2-Fluorobiphenyl	13.257	172	1681227	66.791	ng		-0.01
79) Terphenyl-d14	19.998	244	2486104	65.068	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	174336	36.031	ng		97
3) Pyridine	3.805	79	448716	31.609	ng		97
4) n-Nitrosodimethylamine	3.734	42	253962	35.433	ng		90
6) Aniline	7.334	93	340069	19.397	ng		96
8) 2-Chlorophenol	7.545	128	470882	46.183	ng		96
9) Benzaldehyde	7.151	77	178419	22.246	ng		99
10) Phenol	7.175	94	615408	43.251	ng		99
11) bis(2-Chloroethyl)ether	7.428	93	488625	41.827	ng		96
12) 1,3-Dichlorobenzene	7.869	146	507223	48.096	ng		98
13) 1,4-Dichlorobenzene	8.028	146	519831	48.968	ng		98
14) 1,2-Dichlorobenzene	8.339	146	501497	49.198	ng		98
15) Benzyl Alcohol	8.251	79	447649	43.853	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.522	45	762914m	41.273	ng		
17) 2-Methylphenol	8.434	107	400719	42.678	ng		99
18) Hexachloroethane	9.057	117	201780	49.374	ng	#	90
19) n-Nitroso-di-n-propyla...	8.810	70	399351	42.788	ng		97
20) 3+4-Methylphenols	8.769	107	541964	43.034	ng		96
22) Acetophenone	8.839	105	725048	45.450	ng		97
24) Nitrobenzene	9.234	77	582135	44.002	ng		98
25) Isophorone	9.745	82	1049136	46.685	ng		98
26) 2-Nitrophenol	9.934	139	254155	49.807	ng		96
27) 2,4-Dimethylphenol	9.975	122	383893	42.114	ng		99
28) bis(2-Chloroethoxy)met...	10.228	93	643753	45.214	ng		100
29) 2,4-Dichlorophenol	10.457	162	447757	56.484	ng		95
30) 1,2,4-Trichlorobenzene	10.663	180	474768	55.867	ng		98
31) Naphthalene	10.869	128	1474801	49.103	ng		100
32) Benzoic acid	10.116	122	361530	53.535	ng		96
33) 4-Chloroaniline	11.004	127	170013	13.038	ng		98
34) Hexachlorobutadiene	11.092	225	287537	62.527	ng		98
35) Caprolactam	11.828	113	149602	47.599	ng		92
36) 4-Chloro-3-methylphenol	12.098	107	482272	50.415	ng		97
37) 2-Methylnaphthalene	12.469	142	976601	48.302	ng		99
38) 1-Methylnaphthalene	12.686	142	948919	50.098	ng		98
40) 1,2,4,5-Tetrachloroben...	12.816	216	530334	54.119	ng		98
41) Hexachlorocyclopentadiene	12.763	237	385282	72.942	ng		99
43) 2,4,6-Trichlorophenol	13.069	196	352949	55.639	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.139	196	380091	50.687	ng		94
46) 1,1'-Biphenyl	13.474	154	1284896	47.783	ng		98
47) 2-Chloronaphthalene	13.522	162	969454	49.141	ng		99
48) 2-Nitroaniline	13.757	65	342954	40.003	ng		91
49) Acenaphthylene	14.369	152	1599305	50.214	ng		100
50) Dimethylphthalate	14.104	163	1178289	47.391	ng		99
51) 2,6-Dinitrotoluene	14.245	165	255160	45.605	ng		86
52) Acenaphthene	14.704	154	917407	47.644	ng		99
53) 3-Nitroaniline	14.580	138	193489	30.355	ng		98
54) 2,4-Dinitrophenol	14.786	184	213902	63.399	ng		91
55) Dibenzofuran	15.039	168	1470764	48.292	ng		98
56) 4-Nitrophenol	14.874	139	496609	98.070	ng		93
57) 2,4-Dinitrotoluene	15.027	165	348497	46.548	ng		85
58) Fluorene	15.686	166	1175557	48.915	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.251	232	331942	58.924	ng		90
60) Diethylphthalate	15.445	149	1181049	48.136	ng		98
61) 4-Chlorophenyl-phenyle...	15.674	204	603046	53.282	ng		92
62) 4-Nitroaniline	15.745	138	257608	40.937	ng		96
63) Azobenzene	15.968	77	1298285	44.104	ng		94
65) 4,6-Dinitro-2-methylph...	15.774	198	140471	32.729	ng		83
66) n-Nitrosodiphenylamine	15.898	169	1011672	46.601	ng		98
67) 4-Bromophenyl-phenylether	16.568	248	342311	51.244	ng		97
68) Hexachlorobenzene	16.657	284	419398	58.736	ng	#	90
69) Atrazine	16.845	200	371034	67.397	ng		99
70) Pentachlorophenol	17.015	266	596929	98.633	ng		99
71) Phenanthrene	17.433	178	1869687	47.685	ng		100
72) Anthracene	17.521	178	1879438	48.399	ng		99
73) Carbazole	17.809	167	1741824	47.814	ng		99
74) Di-n-butylphthalate	18.327	149	2195686	47.621	ng		99
75) Fluoranthene	19.439	202	2251995	52.150	ng		98
77) Benzidine	19.651	184	816847	83.342	ng		98
78) Pyrene	19.809	202	2363947	49.924	ng		100
80) Butylbenzylphthalate	20.686	149	1051391	48.917	ng		92
81) Benzo(a)anthracene	21.550	228	2250272	49.537	ng		99
82) 3,3'-Dichlorobenzidine	21.492	252	711073	52.437	ng	#	98
83) Chrysene	21.609	228	2044764	46.866	ng		100
84) Bis(2-ethylhexyl)phtha...	21.433	149	1536115	50.177	ng	#	95
85) Di-n-octyl phthalate	22.374	149	2690183	50.876	ng		95
87) Indeno(1,2,3-cd)pyrene	26.615	276	2423722	44.812	ng	#	93
88) Benzo(b)fluoranthene	23.274	252	2205967m	49.518	ng		
89) Benzo(k)fluoranthene	23.321	252	2010877	43.477	ng	#	97
90) Benzo(a)pyrene	23.921	252	1888849	44.051	ng		97
91) Dibenzo(a,h)anthracene	26.638	278	2025710	45.047	ng	#	96
92) Benzo(g,h,i)perylene	27.426	276	1930492	44.205	ng	#	93

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

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