Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032524\
Data File : BM044759.D
Acq On : 25 Mar 2024 17:11
Operator : MA/JU
Sample : P1842-03MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EO-01-03222024-BMSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/26/2024
Supervised By :mohammad ahmed 03/27/2024

Quant Time: Mar 25 17:43:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 14 02:28:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.692	152	235667	20.000	ng		-0.01
21) Naphthalene-d8	10.475	136	877463	20.000	ng		-0.01
39) Acenaphthene-d10	14.339	164	422488	20.000	ng		-0.01
64) Phenanthrene-d10	17.098	188	694360	20.000	ng		0.00
76) Chrysene-d12	21.297	240	587617	20.000	ng		0.00
86) Perylene-d12	23.544	264	715704	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.310	112	1653609	100.745	ng		0.00
7) Phenol-d6	6.887	99	2003776	94.891	ng		0.00
23) Nitrobenzene-d5	8.863	82	1236197	67.871	ng		0.00
42) 2,4,6-Tribromophenol	15.839	330	448021	96.144	ng		0.00
45) 2-Fluorobiphenyl	12.957	172	2191587	71.441	ng		-0.01
79) Terphenyl-d14	19.739	244	2164777	64.446	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	220823	32.007	ng		96
3) Pyridine	3.675	79	596861	31.284	ng		93
4) n-Nitrosodimethylamine	3.599	42	368550	48.201	ng		83
6) Aniline	7.039	93	492402	19.688	ng		99
8) 2-Chlorophenol	7.263	128	780581	47.745	ng		99
9) Benzaldehyde	6.857	77	130408m	11.791	ng		
10) Phenol	6.910	94	953957	45.234	ng		94
11) bis(2-Chloroethyl)ether	7.139	93	737578	42.835	ng		100
12) 1,3-Dichlorobenzene	7.581	146	805270	45.808	ng		97
13) 1,4-Dichlorobenzene	7.734	146	819565	46.258	ng		100
14) 1,2-Dichlorobenzene	8.039	146	787192	46.590	ng		98
15) Benzyl Alcohol	7.945	79	658021	47.398	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.216	45	1116263m	46.758	ng		
17) 2-Methylphenol	8.145	107	611302	42.502	ng		96
18) Hexachloroethane	8.751	117	293668	44.836	ng		97
19) n-Nitroso-di-n-propyla...	8.510	70	548663	42.545	ng		92
20) 3+4-Methylphenols	8.475	107	821323	42.316	ng		98
22) Acetophenone	8.528	105	1091038	47.328	ng	#	96
24) Nitrobenzene	8.904	77	806510	44.795	ng		97
25) Isophorone	9.422	82	1444952	45.980	ng		98
26) 2-Nitrophenol	9.604	139	369839	47.604	ng		96
27) 2,4-Dimethylphenol	9.663	122	505213	36.978	ng		98
28) bis(2-Chloroethoxy)met...	9.910	93	912266	43.715	ng		100
29) 2,4-Dichlorophenol	10.133	162	620571	47.657	ng		98
30) 1,2,4-Trichlorobenzene	10.339	180	677452	48.904	ng		100
31) Naphthalene	10.527	128	2168104	45.023	ng		100
32) Benzoic acid	9.839	122	388064	36.526	ng		97
33) 4-Chloroaniline	10.651	127	195120	9.658	ng		99
34) Hexachlorobutadiene	10.792	225	396522	51.338	ng		97
35) Caprolactam	11.469	113	171150m	40.746	ng		
36) 4-Chloro-3-methylphenol	11.780	107	598713	41.901	ng		100
37) 2-Methylnaphthalene	12.145	142	1349967	41.302	ng		98
38) 1-Methylnaphthalene	12.363	142	1234437	40.524	ng		99
40) 1,2,4,5-Tetrachloroben...	12.516	216	635110	52.973	ng		99
41) Hexachlorocyclopentadiene	12.480	237	281656	41.237	ng		99
43) 2,4,6-Trichlorophenol	12.763	196	410349	50.688	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.839	196	420357	43.821	ng	98
46) 1,1'-Biphenyl	13.168	154	1607924	48.661	ng	99
47) 2-Chloronaphthalene	13.210	162	1202611	49.217	ng	99
48) 2-Nitroaniline	13.433	65	397010	47.886	ng	99
49) Acenaphthylene	14.063	152	2074301	52.112	ng	100
50) Dimethylphthalate	13.815	163	1446169	45.763	ng	100
51) 2,6-Dinitrotoluene	13.939	165	289296	43.961	ng	99
52) Acenaphthene	14.404	154	1058636	43.996	ng	98
53) 3-Nitroaniline	14.268	138	216834	28.139	ng	98
54) 2,4-Dinitrophenol	14.480	184	60969	17.872	ng	94
55) Dibenzofuran	14.745	168	1629966	42.682	ng	99
56) 4-Nitrophenol	14.586	139	495303	78.264	ng	91
57) 2,4-Dinitrotoluene	14.727	165	364075	42.341	ng	93
58) Fluorene	15.398	166	1256010	42.234	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.974	232	309748	41.590	ng	99
60) Diethylphthalate	15.186	149	1381656	43.190	ng	99
61) 4-Chlorophenyl-phenyle...	15.398	204	600569	42.066	ng	99
62) 4-Nitroaniline	15.439	138	294997	38.324	ng	91
63) Azobenzene	15.692	77	1334403	40.354	ng	96
65) 4,6-Dinitro-2-methylph...	15.492	198	45707	10.496	ng	98
66) n-Nitrosodiphenylamine	15.615	169	1025241	47.377	ng	98
67) 4-Bromophenyl-phenylether	16.292	248	349102	48.607	ng	97
68) Hexachlorobenzene	16.392	284	391411	51.268	ng	98
69) Atrazine	16.580	200	325809	48.181	ng	98
70) Pentachlorophenol	16.745	266	547876	99.765	ng	99
71) Phenanthrene	17.139	178	2202715	57.404	ng	100
72) Anthracene	17.233	178	1978887	51.420	ng	100
73) Carbazole	17.509	167	1672164	46.133	ng	99
74) Di-n-butylphthalate	18.080	149	2109045	45.157	ng	99
75) Fluoranthene	19.162	202	3365442	78.459	ng	97
77) Benzidine	19.362	184	615128	40.503	ng	99
78) Pyrene	19.527	202	3505108	81.386	ng	100
80) Butylbenzylphthalate	20.444	149	947084	48.794	ng	95
81) Benzo(a)anthracene	21.280	228	2855512	69.840	ng	98
82) 3,3'-Dichlorobenzidine	21.221	252	586979	41.684	ng	100
83) Chrysene	21.333	228	2637169	67.499	ng	98
84) Bis(2-ethylhexyl)phtha...	21.221	149	1334098	45.623	ng	99
85) Di-n-octyl phthalate	22.109	149	2448244	48.268	ng	99
87) Indeno(1,2,3-cd)pyrene	25.826	276	3046777	58.887	ng	95
88) Benzo(b)fluoranthene	22.874	252	3088475	73.430	ng	99
89) Benzo(k)fluoranthene	22.921	252	2371140	54.838	ng	98
90) Benzo(a)pyrene	23.450	252	2783460	67.850	ng	98
91) Dibenzo(a,h)anthracene	25.844	278	2116836	48.531	ng	97
92) Benzo(g,h,i)perylene	26.526	276	2492838	58.058	ng	96

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

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