Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041324\
Data File : BG060897.D
Acq On : 13 Apr 2024 17:15
Operator : MA/JU
Sample : P2070-02MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024

Quant Time: Apr 15 01:20:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 30 03:12:26 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.949	152	59143	20.000	ng		-0.01
21) Naphthalene-d8	10.746	136	231408	20.000	ng		-0.01
39) Acenaphthene-d10	14.577	164	180480	20.000	ng		-0.01
64) Phenanthrene-d10	17.327	188	427869	20.000	ng		-0.01
76) Chrysene-d12	21.592	240	371124	20.000	ng		-0.01
86) Perylene-d12	24.730	264	422825	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.540	112	409398	115.316	ng		0.00
7) Phenol-d6	7.121	99	557617	105.812	ng		0.00
23) Nitrobenzene-d5	9.107	82	413314	101.917	ng		0.00
42) 2,4,6-Tribromophenol	16.069	330	362628	177.000	ng		0.00
45) 2-Fluorobiphenyl	13.202	172	1067710	86.824	ng		-0.02
79) Terphenyl-d14	19.953	244	1837201	87.168	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.472	88	49909	34.288	ng	#	28
3) Pyridine	3.866	79	140264	31.947	ng		89
4) n-Nitrosodimethylamine	3.766	42	112462	42.852	ng		88
6) Aniline	7.280	93	82301	12.367	ng		94
8) 2-Chlorophenol	7.515	128	180942	44.956	ng		94
9) Benzaldehyde	7.080	77	12365m	4.255	ng		
10) Phenol	7.144	94	215757	40.117	ng		94
11) bis(2-Chloroethyl)ether	7.374	93	163838	37.731	ng		95
12) 1,3-Dichlorobenzene	7.838	146	185902	44.415	ng		96
13) 1,4-Dichlorobenzene	7.985	146	188831	44.220	ng		99
14) 1,2-Dichlorobenzene	8.302	146	185032	44.215	ng		98
15) Benzyl Alcohol	8.184	79	173165	40.566	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.466	45	405706	41.401	ng		99
17) 2-Methylphenol	8.390	107	159708	39.336	ng		99
18) Hexachloroethane	9.031	117	66244	43.679	ng	#	84
19) n-Nitroso-di-n-propyla...	8.754	70	155256	38.632	ng		99
20) 3+4-Methylphenols	8.719	107	217579	39.134	ng		95
22) Acetophenone	8.766	105	287855	45.113	ng	#	97
24) Nitrobenzene	9.148	77	215262	47.704	ng	#	94
25) Isophorone	9.671	82	406310	43.499	ng		99
26) 2-Nitrophenol	9.853	139	97823	59.088	ng		90
27) 2,4-Dimethylphenol	9.918	122	135822	36.198	ng		96
28) bis(2-Chloroethoxy)met...	10.153	93	232035	42.077	ng		98
29) 2,4-Dichlorophenol	10.394	162	186174	54.033	ng		96
30) 1,2,4-Trichlorobenzene	10.611	180	195732	50.168	ng		99
31) Naphthalene	10.799	128	542943	43.374	ng		98
32) Benzoic acid	10.059	122	120511	48.234	ng		94
34) Hexachlorobutadiene	11.087	225	138691	53.338	ng		98
35) Caprolactam	11.674	113	54053m	39.609	ng		
36) 4-Chloro-3-methylphenol	12.033	107	212896	48.368	ng		97
37) 2-Methylnaphthalene	12.403	142	401568	43.634	ng		99
38) 1-Methylnaphthalene	12.620	142	377100	43.375	ng		97
40) 1,2,4,5-Tetrachloroben...	12.773	216	264223	50.924	ng		98
41) Hexachlorocyclopentadiene	12.756	237	302724	114.743	ng		99
43) 2,4,6-Trichlorophenol	13.008	196	186134	55.712	ng		96
44) 2,4,5-Trichlorophenol	13.085	196	204240	51.225	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.414	154	590225	46.300	ng		98
47) 2-Chloronaphthalene	13.455	162	456533	47.136	ng		99
48) 2-Nitroaniline	13.655	65	174277	54.280	ng		98
49) Acenaphthylene	14.301	152	783390	48.137	ng		99
50) Dimethylphthalate	14.042	163	648894	45.488	ng		99
51) 2,6-Dinitrotoluene	14.148	165	135317	52.617	ng		96
52) Acenaphthene	14.642	154	541461m	52.991	ng		
53) 3-Nitroaniline	14.477	138	24384	11.037	ng	#	96
54) 2,4-Dinitrophenol	14.689	184	170318	171.527	ng		90
55) Dibenzofuran	14.976	168	727242	45.122	ng		98
56) 4-Nitrophenol	14.794	139	202955	97.320	ng		96
57) 2,4-Dinitrotoluene	14.941	165	199218	58.554	ng		93
58) Fluorene	15.629	166	599312	46.332	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.206	232	194185	55.886	ng		96
60) Diethylphthalate	15.405	149	632425	44.065	ng		100
61) 4-Chlorophenyl-phenyle...	15.623	204	326432	47.701	ng		97
62) 4-Nitroaniline	15.646	138	106107	40.683	ng		95
63) Azobenzene	15.917	77	599340	42.855	ng		97
65) 4,6-Dinitro-2-methylph...	15.705	198	121147	65.589	ng		98
66) n-Nitrosodiphenylamine	15.840	169	501273	40.997	ng		96
67) 4-Bromophenyl-phenylether	16.522	248	229581	52.871	ng		95
68) Hexachlorobenzene	16.633	284	263062	53.665	ng		97
69) Atrazine	16.786	200	70166	16.410	ng		99
70) Pentachlorophenol	16.980	266	343180	107.294	ng		97
71) Phenanthrene	17.374	178	1010019	45.389	ng		100
72) Anthracene	17.462	178	1030302	45.591	ng		100
73) Carbazole	17.726	167	791120	39.705	ng		99
74) Di-n-butylphthalate	18.302	149	1085787	43.709	ng		100
75) Fluoranthene	19.383	202	1211111	44.852	ng		97
78) Pyrene	19.741	202	1241508	47.832	ng		99
80) Butylbenzylphthalate	20.646	149	465021	49.114	ng		94
81) Benzo(a)anthracene	21.575	228	1233660	47.158	ng		100
82) 3,3'-Dichlorobenzidine	21.486	252	32408m	3.669	ng		
83) Chrysene	21.639	228	1162774	46.115	ng		99
84) Bis(2-ethylhexyl)phtha...	21.504	149	660019	43.735	ng		97
85) Di-n-octyl phthalate	22.697	149	1129119	45.927	ng		100
87) Indeno(1,2,3-cd)pyrene	28.290	276	1457700	48.956	ng	#	95
88) Benzo(b)fluoranthene	23.737	252	1218395	50.158	ng		98
89) Benzo(k)fluoranthene	23.807	252	1175051m	47.261	ng		
90) Benzo(a)pyrene	24.577	252	1101444	46.659	ng		98
91) Dibenzo(a,h)anthracene	28.367	278	1216002	48.446	ng	#	96
92) Benzo(g,h,i)perylene	29.401	276	1100835	45.086	ng		97

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

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