Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
Data File : BG060746.D
Acq On : 2 Apr 2024 20:46
Operator : MA/JU
Sample : P1927-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-11991MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024

Quant Time: Apr 03 00:43:21 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	7.958	152	68291	20.000	ng		0.00
21) Naphthalene-d8	10.749	136	266041	20.000	ng		0.00
39) Acenaphthene-d10	14.585	164	202104	20.000	ng		0.00
64) Phenanthrene-d10	17.329	188	522201	20.000	ng		0.00
76) Chrysene-d12	21.595	240	500564	20.000	ng		0.00
86) Perylene-d12	24.738	264	555427	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.537	112	514326	125.465	ng		0.00
7) Phenol-d6	7.117	99	651829	107.120	ng		0.00
23) Nitrobenzene-d5	9.109	82	466093	99.970	ng		0.00
42) 2,4,6-Tribromophenol	16.072	330	375916	163.854	ng		0.00
45) 2-Fluorobiphenyl	13.210	172	1111625	80.723	ng		0.00
79) Terphenyl-d14	19.955	244	2260601	79.521	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.469	88	66452	39.538	ng	#	56
3) Pyridine	3.862	79	193800	38.227	ng		92
4) n-Nitrosodimethylamine	3.763	42	136527	45.053	ng		90
6) Aniline	7.282	93	53277	6.933	ng		96
8) 2-Chlorophenol	7.517	128	205070	44.125	ng		95
9) Benzaldehyde	7.088	77	12457m	3.712	ng		
10) Phenol	7.141	94	248788	40.062	ng		99
11) bis(2-Chloroethyl)ether	7.376	93	193845	38.662	ng		99
12) 1,3-Dichlorobenzene	7.846	146	218312	45.171	ng		96
13) 1,4-Dichlorobenzene	7.993	146	226004	45.836	ng		98
14) 1,2-Dichlorobenzene	8.310	146	218289	45.175	ng		98
15) Benzyl Alcohol	8.187	79	188532	38.249	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.475	45	474195	41.908	ng		99
17) 2-Methylphenol	8.392	107	185018	39.465	ng		98
18) Hexachloroethane	9.039	117	79784	45.560	ng		91
19) n-Nitroso-di-n-propyla...	8.763	70	174163	37.532	ng		99
20) 3+4-Methylphenols	8.716	107	249797	38.910	ng		95
22) Acetophenone	8.774	105	339209	46.241	ng	#	98
24) Nitrobenzene	9.150	77	232530	44.990	ng		97
25) Isophorone	9.679	82	448855	41.798	ng		99
26) 2-Nitrophenol	9.861	139	102824	54.936	ng		95
27) 2,4-Dimethylphenol	9.926	122	159143	36.892	ng		99
28) bis(2-Chloroethoxy)met...	10.161	93	269163	42.455	ng		99
29) 2,4-Dichlorophenol	10.396	162	204786	51.697	ng		98
30) 1,2,4-Trichlorobenzene	10.613	180	219044	48.834	ng		99
31) Naphthalene	10.801	128	639649	44.447	ng		99
32) Benzoic acid	10.049	122	143276	49.647	ng		94
33) 4-Chloroaniline	10.901	127	16046	2.401	ng		97
34) Hexachlorobutadiene	11.095	225	140985	47.162	ng		96
35) Caprolactam	11.677	113	68318m	43.545	ng		
36) 4-Chloro-3-methylphenol	12.029	107	244812	48.379	ng		96
37) 2-Methylnaphthalene	12.411	142	457002	43.194	ng		97
38) 1-Methylnaphthalene	12.629	142	428982	42.919	ng		98
40) 1,2,4,5-Tetrachloroben...	12.776	216	270382	46.535	ng		99
41) Hexachlorocyclopentadiene	12.764	237	279877	94.733	ng		100
43) 2,4,6-Trichlorophenol	13.011	196	193406	51.695	ng		95

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44) 2,4,5-Trichlorophenol	13.087	196	218946	49.038	ng	98
46) 1,1'-Biphenyl	13.422	154	635984	44.551	ng	99
47) 2-Chloronaphthalene	13.457	162	502434	46.324	ng	99
48) 2-Nitroaniline	13.651	65	181100	50.954	ng	97
49) Acenaphthylene	14.303	152	877386	48.145	ng	99
50) Dimethylphthalate	14.045	163	723796	45.310	ng	100
51) 2,6-Dinitrotoluene	14.156	165	145221	50.572	ng	94
52) Acenaphthene	14.650	154	594820m	51.985	ng	
53) 3-Nitroaniline	14.474	138	29567	11.715	ng	97
54) 2,4-Dinitrophenol	14.685	184	177657	159.775	ng	89
55) Dibenzofuran	14.985	168	826780	45.809	ng	99
56) 4-Nitrophenol	14.785	139	277800	118.957	ng	100
57) 2,4-Dinitrotoluene	14.944	165	219688	57.757	ng	91
58) Fluorene	15.637	166	679567	46.915	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.208	232	212777	54.684	ng	100
60) Diethylphthalate	15.414	149	727803	45.285	ng	99
61) 4-Chlorophenyl-phenyle...	15.631	204	341914	44.617	ng	96
62) 4-Nitroaniline	15.643	138	109668	37.549	ng	97
63) Azobenzene	15.925	77	681540	43.519	ng	96
65) 4,6-Dinitro-2-methylph...	15.707	198	125863	56.879	ng	96
66) n-Nitrosodiphenylamine	15.843	169	512700	34.357	ng	98
67) 4-Bromophenyl-phenylether	16.524	248	243848	46.012	ng	98
68) Hexachlorobenzene	16.636	284	283101	47.320	ng	95
69) Atrazine	16.794	200	74993	14.371	ng	98
70) Pentachlorophenol	16.977	266	405777	103.948	ng	99
71) Phenanthrene	17.376	178	1217522	44.830	ng	100
72) Anthracene	17.464	178	1248178	45.255	ng	99
73) Carbazole	17.729	167	865791	35.603	ng	98
74) Di-n-butylphthalate	18.316	149	1371961	45.253	ng	99
75) Fluoranthene	19.385	202	1532910	46.515	ng	98
78) Pyrene	19.744	202	1594672	45.551	ng	99
80) Butylbenzylphthalate	20.655	149	644417	50.461	ng	100
81) Benzo(a)anthracene	21.577	228	1647885	46.703	ng	99
83) Chrysene	21.642	228	1563006	45.959	ng	99
84) Bis(2-ethylhexyl)phtha...	21.524	149	955639	46.949	ng	98
85) Di-n-octyl phthalate	22.729	149	1655898	49.937	ng	99
87) Indeno(1,2,3-cd)pyrene	28.304	276	1991434	50.914	ng	97
88) Benzo(b)fluoranthene	23.751	252	1651412	51.754	ng	99
89) Benzo(k)fluoranthene	23.816	252	1620828	49.627	ng	98
90) Benzo(a)pyrene	24.591	252	1492906	48.144	ng	98
91) Dibenzo(a,h)anthracene	28.375	278	1665970	50.527	ng	98
92) Benzo(g,h,i)perylene	29.409	276	1496596	46.661	ng	99

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

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