Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041724\
Data File : BG060924.D
Acq On : 17 Apr 2024 18:10
Operator : MA/JU
Sample : SSTDICV040
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG041724

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

Quant Time: Apr 18 02:06:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 18 02:02:19 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	42157	20.000	ng	0.00
21) Naphthalene-d8	10.737	136	174116	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	148238	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	384734	20.000	ng	0.00
76) Chrysene-d12	21.578	240	371833	20.000	ng	0.00
86) Perylene-d12	24.698	264	445266	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	187549	77.275	ng	0.00
7) Phenol-d6	7.106	99	268975	76.930	ng	0.00
23) Nitrobenzene-d5	9.092	82	295851	77.138	ng	0.00
42) 2,4,6-Tribromophenol	16.061	330	189409	77.343	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	747411	73.989	ng	0.00
79) Terphenyl-d14	19.938	244	1649143	77.404	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.452	88	40844	41.630	ng	98
3) Pyridine	3.840	79	124013	39.728	ng	98
4) n-Nitrosodimethylamine	3.751	42	74809	37.556	ng	98
6) Aniline	7.265	93	168071	39.454	ng	97
8) 2-Chlorophenol	7.506	128	108348	39.241	ng	99
9) Benzaldehyde	7.077	77	70285	37.432	ng	98
10) Phenol	7.136	94	137221	39.161	ng	99
11) bis(2-Chloroethyl)ether	7.365	93	105613	38.858	ng	99
12) 1,3-Dichlorobenzene	7.829	146	114845	39.147	ng	99
13) 1,4-Dichlorobenzene	7.976	146	116811	38.894	ng	97
14) 1,2-Dichlorobenzene	8.293	146	114555	39.225	ng	98
15) Benzyl Alcohol	8.176	79	118159	39.286	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.475	45	252923m	38.505	ng	
17) 2-Methylphenol	8.381	107	109042	39.385	ng	96
18) Hexachloroethane	9.022	117	40894	38.346	ng	96
19) n-Nitroso-di-n-propyla...	8.746	70	103170	38.740	ng	96
20) 3+4-Methylphenols	8.704	107	147349	38.362	ng	98
22) Acetophenone	8.757	105	191499	38.621	ng	98
24) Nitrobenzene	9.139	77	146227	38.848	ng	99
25) Isophorone	9.662	82	267161	37.747	ng	98
26) 2-Nitrophenol	9.850	139	64394	40.722	ng	96
27) 2,4-Dimethylphenol	9.909	122	107235	38.489	ng	98
28) bis(2-Chloroethoxy)met...	10.144	93	153627	38.602	ng	98
29) 2,4-Dichlorophenol	10.385	162	113439	37.527	ng	98
30) 1,2,4-Trichlorobenzene	10.602	180	120899	37.312	ng	99
31) Naphthalene	10.784	128	358394	38.060	ng	99
32) Benzoic acid	10.032	122	89388	39.636	ng	93
33) 4-Chloroaniline	10.890	127	171893	38.950	ng	97
34) Hexachlorobutadiene	11.078	225	87464	37.970	ng	99
35) Caprolactam	11.654	113	42966	38.524	ng	98
36) 4-Chloro-3-methylphenol	12.018	107	144389	39.521	ng	98
37) 2-Methylnaphthalene	12.394	142	269314	37.805	ng	98
38) 1-Methylnaphthalene	12.612	142	258493	38.437	ng	100
40) 1,2,4,5-Tetrachloroben...	12.764	216	169679	37.094	ng	99
41) Hexachlorocyclopentadiene	12.747	237	90962	38.889	ng	99
43) 2,4,6-Trichlorophenol	12.999	196	119361	37.524	ng	98

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44) 2,4,5-Trichlorophenol	13.070	196	145445	37.915	ng		97
46) 1,1'-Biphenyl	13.405	154	375211	37.226	ng		98
47) 2-Chloronaphthalene	13.446	162	289090	37.474	ng		100
48) 2-Nitroaniline	13.646	65	124746	39.406	ng		97
49) Acenaphthylene	14.292	152	502239	38.501	ng		100
50) Dimethylphthalate	14.028	163	451094	38.348	ng		99
51) 2,6-Dinitrotoluene	14.139	165	94660	39.482	ng		96
52) Acenaphthene	14.633	154	304106	38.439	ng		97
53) 3-Nitroaniline	14.468	138	105106	39.936	ng	#	99
54) 2,4-Dinitrophenol	14.674	184	54915	38.853	ng		96
55) Dibenzofuran	14.968	168	503791	37.697	ng		97
56) 4-Nitrophenol	14.780	139	82495	40.939	ng		97
57) 2,4-Dinitrotoluene	14.927	165	139534	40.728	ng		98
58) Fluorene	15.620	166	425866	38.417	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.197	232	138379	39.267	ng		99
60) Diethylphthalate	15.397	149	456351	38.732	ng		100
61) 4-Chlorophenyl-phenyle...	15.614	204	233596	38.015	ng		98
62) 4-Nitroaniline	15.632	138	109449	38.677	ng		100
63) Azobenzene	15.908	77	432195	38.920	ng		99
65) 4,6-Dinitro-2-methylph...	15.696	198	86212	40.165	ng		94
66) n-Nitrosodiphenylamine	15.826	169	409550	38.778	ng		99
67) 4-Bromophenyl-phenylether	16.507	248	166623	38.660	ng		99
68) Hexachlorobenzene	16.625	284	183851	39.203	ng		99
69) Atrazine	16.777	200	152370	40.143	ng		95
70) Pentachlorophenol	16.965	266	128958	40.603	ng		98
71) Phenanthrene	17.359	178	750000	38.513	ng		99
72) Anthracene	17.453	178	775815	38.784	ng		99
73) Carbazole	17.717	167	673330	38.635	ng		100
74) Di-n-butylphthalate	18.293	149	820317	39.096	ng		99
75) Fluoranthene	19.368	202	952930	38.444	ng		100
77) Benzidine	19.551	184	307789	37.528	ng		99
78) Pyrene	19.733	202	995027	39.010	ng		99
80) Butylbenzylphthalate	20.632	149	369926	39.485	ng		99
81) Benzo(a)anthracene	21.554	228	1022039	38.925	ng		100
82) 3,3'-Dichlorobenzidine	21.478	252	353146	37.768	ng		100
83) Chrysene	21.619	228	984749	39.280	ng		99
84) Bis(2-ethylhexyl)phtha...	21.490	149	543570	39.237	ng		99
85) Di-n-octyl phthalate	22.676	149	934671	39.101	ng		100
87) Indeno(1,2,3-cd)pyrene	28.240	276	1174310	38.138	ng		99
88) Benzo(b)fluoranthene	23.710	252	980956	38.938	ng		98
89) Benzo(k)fluoranthene	23.775	252	976297	37.881	ng		99
90) Benzo(a)pyrene	24.551	252	948358	38.181	ng		100
91) Dibenzo(a,h)anthracene	28.305	278	990727	39.089	ng		99
92) Benzo(g,h,i)perylene	29.345	276	958611	38.687	ng		99

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

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