Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121622\
Data File : BG055994.D
Acq On : 16 Dec 2022 14:51
Operator : CG/JU
Sample : PB149627BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 17 01:20:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 01:18:54 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB149627BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.370	152	6726	20.000	ng		0.00
21) Naphthalene-d8	11.208	136	28933	20.000	ng	#	0.00
39) Acenaphthene-d10	14.980	164	29779	20.000	ng		0.00
64) Phenanthrene-d10	17.718	188	89091	20.000	ng		0.00
76) Chrysene-d12	22.030	240	92820	20.000	ng		0.00
86) Perylene-d12	25.532	264	97754	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.890	112	43725	152.457	ng		0.00
7) Phenol-d6	7.500	99	55961	151.711	ng		0.00
23) Nitrobenzene-d5	9.545	82	32719	79.026	ng		0.00
42) 2,4,6-Tribromophenol	16.460	330	94755	131.960	ng		0.00
45) 2-Fluorobiphenyl	13.611	172	144483	68.046	ng		0.00
79) Terphenyl-d14	20.291	244	415351	79.087	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.711	88	3123	37.417	ng		89
3) Pyridine	4.128	79	8604	31.324	ng		93
4) n-Nitrosodimethylamine	4.034	42	9133	36.988	ng		88
6) Aniline	7.682	93	17137	38.803	ng		96
8) 2-Chlorophenol	7.929	128	18076	48.853	ng		91
9) Benzaldehyde	7.494	77	806	3.479	ng		93
10) Phenol	7.530	94	20001	49.544	ng		98
11) bis(2-Chloroethyl)ether	7.771	93	11289	42.930	ng		89
12) 1,3-Dichlorobenzene	8.264	146	19494m	40.728	ng		
13) 1,4-Dichlorobenzene	8.411	146	20365	41.633	ng		96
14) 1,2-Dichlorobenzene	8.734	146	19837	42.434	ng		99
15) Benzyl Alcohol	8.605	79	17482	45.611	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.893	45	15745	46.005	ng		94
17) 2-Methylphenol	8.799	107	15566	49.006	ng		93
18) Hexachloroethane	9.474	117	6162	41.499	ng		93
19) n-Nitroso-di-n-propyla...	9.175	70	11665	44.119	ng	#	84
20) 3+4-Methylphenols	9.128	107	20857	46.014	ng		97
22) Acetophenone	9.198	105	27857	38.840	ng		97
24) Nitrobenzene	9.592	77	17725	42.533	ng		95
25) Isophorone	10.109	82	34550	39.796	ng		98
26) 2-Nitrophenol	10.303	139	10122	41.029	ng		95
27) 2,4-Dimethylphenol	10.344	122	19785m	47.753	ng		
28) bis(2-Chloroethoxy)met...	10.585	93	17545	45.726	ng		95
29) 2,4-Dichlorophenol	10.838	162	24963	42.449	ng		97
30) 1,2,4-Trichlorobenzene	11.067	180	28857	37.749	ng		96
31) Naphthalene	11.261	128	58149	38.089	ng		99
32) Benzoic acid	10.461	122	14694	42.134	ng		90
33) 4-Chloroaniline	11.355	127	16716	25.542	ng		94
34) Hexachlorobutadiene	11.537	225	24692	34.357	ng		92
35) Caprolactam	12.112	113	7000m	42.723	ng		
36) 4-Chloro-3-methylphenol	12.442	107	23911	43.362	ng		96
37) 2-Methylnaphthalene	12.835	142	50706	37.594	ng		98
38) 1-Methylnaphthalene	13.053	142	47881	36.440	ng		100
40) 1,2,4,5-Tetrachloroben...	13.194	216	45087	35.885	ng		99
41) Hexachlorocyclopentadiene	13.170	237	61181	85.834	ng		98
43) 2,4,6-Trichlorophenol	13.423	196	29703	39.937	ng		99

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44) 2,4,5-Trichlorophenol	13.493	196	32641	38.933	ng		97
46) 1,1'-Biphenyl	13.822	154	76081	37.692	ng		100
47) 2-Chloronaphthalene	13.869	162	59611	36.346	ng		97
48) 2-Nitroaniline	14.057	65	13775	42.922	ng		97
49) Acenaphthylene	14.709	152	97458	37.227	ng		98
50) Dimethylphthalate	14.422	163	94481	36.698	ng		99
51) 2,6-Dinitrotoluene	14.545	165	17578	44.120	ng		92
52) Acenaphthene	15.044	154	73683	41.925	ng		94
53) 3-Nitroaniline	14.868	138	12639	31.188	ng	#	90
54) 2,4-Dinitrophenol	15.074	184	25406	85.777	ng	#	75
55) Dibenzofuran	15.379	168	110640	37.436	ng		96
56) 4-Nitrophenol	15.156	139	30106	92.707	ng		98
57) 2,4-Dinitrotoluene	15.326	165	26521	44.099	ng		94
58) Fluorene	16.020	166	90606	37.504	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.591	232	38688	40.392	ng		99
60) Diethylphthalate	15.773	149	93288	37.072	ng		98
61) 4-Chlorophenyl-phenyle...	16.002	204	61846	37.578	ng		99
62) 4-Nitroaniline	16.031	138	18429	41.759	ng		97
63) Azobenzene	16.296	77	57971	37.850	ng		96
65) 4,6-Dinitro-2-methylph...	16.084	198	17516	41.157	ng		96
66) n-Nitrosodiphenylamine	16.214	169	86379	36.998	ng		99
67) 4-Bromophenyl-phenylether	16.895	248	48338	37.028	ng		91
68) Hexachlorobenzene	17.024	284	59245	36.844	ng		96
69) Atrazine	17.148	200	38270	36.202	ng		96
70) Pentachlorophenol	17.359	266	76018	82.693	ng		94
71) Phenanthrene	17.759	178	172193	36.881	ng		99
72) Anthracene	17.853	178	172257	37.293	ng		99
73) Carbazole	18.111	167	145789	38.270	ng		98
74) Di-n-butylphthalate	18.646	149	161211	36.389	ng		99
75) Fluoranthene	19.751	202	221937	33.947	ng		99
77) Benzidine	19.915	184	77640	47.630	ng		98
78) Pyrene	20.109	202	220612	39.279	ng		99
80) Butylbenzylphthalate	20.979	149	60098	37.761	ng		99
81) Benzo(a)anthracene	22.007	228	235218	36.013	ng		98
82) 3,3'-Dichlorobenzidine	21.907	252	80841	34.401	ng		95
83) Chrysene	22.077	228	221262	36.145	ng		99
84) Bis(2-ethylhexyl)phtha...	21.883	149	86682	36.659	ng		95
85) Di-n-octyl phthalate	23.194	149	146306	36.477	ng		100
87) Indeno(1,2,3-cd)pyrene	29.563	276	300148	38.183	ng	#	99
88) Benzo(b)fluoranthene	24.410	252	257476	40.698	ng		99
89) Benzo(k)fluoranthene	24.486	252	255020	40.402	ng		97
90) Benzo(a)pyrene	25.368	252	227607	42.562	ng		99
91) Dibenzo(a,h)anthracene	29.645	278	264257	40.164	ng		96
92) Benzo(g,h,i)perylene	30.832	276	250989	39.456	ng		95

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

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