Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022323\
Data File : BP013881.D
Acq On : 23 Feb 2023 15:52
Operator : CG/JU
Sample : 01633-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 24 01:41:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 24 01:37:56 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
WEIR-TANK-MUDMS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.099	152	105413	20.000	ng		0.00
21) Naphthalene-d8	10.928	136	403973	20.000	ng		0.00
39) Acenaphthene-d10	14.740	164	259811	20.000	ng		0.00
64) Phenanthrene-d10	17.492	188	576743	20.000	ng		0.00
76) Chrysene-d12	21.574	240	629158	20.000	ng	#	0.00
86) Perylene-d12	24.121	264	765313	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.640	112	886283	138.568	ng		0.00
7) Phenol-d6	7.252	99	974210	118.929	ng		0.00
23) Nitrobenzene-d5	9.275	82	816157	109.098	ng		0.00
42) 2,4,6-Tribromophenol	16.234	330	636119	168.197	ng		0.00
45) 2-Fluorobiphenyl	13.363	172	1899492	96.028	ng		0.00
79) Terphenyl-d14	20.027	244	3463700	105.921	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.493	88	112826	40.585	ng	#	41
3) Pyridine	3.917	79	279905	37.349	ng		98
4) n-Nitrosodimethylamine	3.811	42	143555	51.114	ng		89
6) Aniline	7.422	93	239009	22.456	ng		96
8) 2-Chlorophenol	7.663	128	351089	52.040	ng		98
9) Benzaldehyde	7.234	77	146512	37.594	ng		95
10) Phenol	7.281	94	354022	41.521	ng		88
11) bis(2-Chloroethyl)ether	7.516	93	349398	51.204	ng		98
12) 1,3-Dichlorobenzene	7.987	146	369849	48.755	ng		98
13) 1,4-Dichlorobenzene	8.140	146	387975	50.631	ng		99
14) 1,2-Dichlorobenzene	8.457	146	374542	52.361	ng		99
15) Benzyl Alcohol	8.346	79	348295m	60.603	ng		
16) 2,2'-oxybis(1-Chloropr...	8.628	45	373627m	51.260	ng		
17) 2-Methylphenol	8.546	107	300061	51.715	ng		96
18) Hexachloroethane	9.193	117	138014	51.418	ng		96
19) n-Nitroso-di-n-propyla...	8.910	70	277571	57.896	ng		98
20) 3+4-Methylphenols	8.875	107	404602	51.810	ng		97
22) Acetophenone	8.934	105	562208	55.176	ng	#	99
24) Nitrobenzene	9.316	77	416264	53.321	ng		100
25) Isophorone	9.846	82	779554	54.074	ng		98
26) 2-Nitrophenol	10.034	139	201060	54.271	ng		93
27) 2,4-Dimethylphenol	10.087	122	332880	55.213	ng		99
28) bis(2-Chloroethoxy)met...	10.328	93	466244	50.663	ng		99
29) 2,4-Dichlorophenol	10.569	162	365928	56.570	ng		99
30) 1,2,4-Trichlorobenzene	10.787	180	392527	51.712	ng		99
31) Naphthalene	10.981	128	1083624	48.926	ng		98
32) Benzoic acid	10.216	122	249361	51.982	ng		95
33) 4-Chloroaniline	11.093	127	86054	9.253	ng		96
34) Hexachlorobutadiene	11.257	225	261024	51.747	ng		99
35) Caprolactam	11.881	113	96584	46.767	ng		98
36) 4-Chloro-3-methylphenol	12.198	107	397613	55.164	ng		99
37) 2-Methylnaphthalene	12.575	142	771618	48.128	ng		98
38) 1-Methylnaphthalene	12.793	142	720444	48.014	ng		100
40) 1,2,4,5-Tetrachloroben...	12.940	216	481515	51.390	ng		98
41) Hexachlorocyclopentadiene	12.916	237	601725	120.901	ng		98
43) 2,4,6-Trichlorophenol	13.175	196	319279	54.471	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.245	196	347526	49.885	ng	99
46) 1,1'-Biphenyl	13.575	154	1045695	49.797	ng	99
47) 2-Chloronaphthalene	13.622	162	816303	51.024	ng	99
48) 2-Nitroaniline	13.822	65	241585	52.818	ng	99
49) Acenaphthylene	14.463	152	1293842	51.304	ng	99
50) Dimethylphthalate	14.192	163	1083222	51.236	ng	100
51) 2,6-Dinitrotoluene	14.310	165	235782	50.887	ng	98
52) Acenaphthene	14.804	154	770055	50.179	ng	98
53) 3-Nitroaniline	14.645	138	186794	39.220	ng	98
54) 2,4-Dinitrophenol	14.845	184	307530	99.803	ng	96
55) Dibenzofuran	15.140	168	1271545	49.797	ng	99
56) 4-Nitrophenol	14.945	139	376899	99.733	ng	94
57) 2,4-Dinitrotoluene	15.098	165	324736	52.007	ng	98
58) Fluorene	15.787	166	991373	49.516	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.363	232	330358	55.084	ng	99
60) Diethylphthalate	15.551	149	1044120	50.647	ng	99
61) 4-Chlorophenyl-phenyle...	15.775	204	539292	49.713	ng	99
62) 4-Nitroaniline	15.804	138	217591	44.190	ng	90
63) Azobenzene	16.069	77	932529	49.997	ng	97
65) 4,6-Dinitro-2-methylph...	15.863	198	191561	47.183	ng	97
66) n-Nitrosodiphenylamine	15.992	169	868764	49.731	ng	100
67) 4-Bromophenyl-phenylether	16.675	248	356308	52.341	ng	98
68) Hexachlorobenzene	16.792	284	410044	55.181	ng	99
69) Atrazine	16.939	200	344766	57.884	ng	99
70) Pentachlorophenol	17.139	266	555088	101.320	ng	99
71) Phenanthrene	17.539	178	1639343	50.738	ng	100
72) Anthracene	17.628	178	1660012	51.382	ng	100
73) Carbazole	17.892	167	1505177	51.751	ng	99
74) Di-n-butylphthalate	18.422	149	1865891	54.755	ng	99
75) Fluoranthene	19.486	202	2051980	50.945	ng	99
77) Benzidine	19.663	184	347478	28.023	ng	99
78) Pyrene	19.839	202	2157690	50.185	ng	100
80) Butylbenzylphthalate	20.692	149	825902	54.047	ng	99
81) Benzo(a)anthracene	21.551	228	2302213	51.100	ng	99
82) 3,3'-Dichlorobenzidine	21.474	252	732589	51.684	ng	99
83) Chrysene	21.610	228	2157039	49.422	ng	100
84) Bis(2-ethylhexyl)phtha...	21.451	149	1321098	55.451	ng	99
85) Di-n-octyl phthalate	22.421	149	2353178	55.430	ng	100
87) Indeno(1,2,3-cd)pyrene	26.815	276	3179712	53.409	ng	97
88) Benzo(b)fluoranthene	23.339	252	2589062	53.491	ng	98
89) Benzo(k)fluoranthene	23.386	252	2489761	50.675	ng	99
90) Benzo(a)pyrene	24.010	252	2302639	49.208	ng	99
91) Dibenzo(a,h)anthracene	26.833	278	2654295	53.213	ng	98
92) Benzo(g,h,i)perylene	27.645	276	2615493	53.028	ng	97

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

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