Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
Data File : BP009385.D
Acq On : 14 Mar 2022 16:52
Operator : CG/JU
Sample : N1888-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SS-2(PILE-2)MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/15/2022
Supervised By :mohammad ahmed 03/16/2022

Quant Time: Mar 15 01:00:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 05 01:55:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	360982	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	1305578	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	724675	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	1371178	20.000	ng	0.00
76) Chrysene-d12	21.321	240	1221213	20.000	ng	0.00
86) Perylene-d12	23.733	264	1446689	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	2073202	83.833	ng	0.01
7) Phenol-d6	7.016	99	2524276	80.322	ng	0.03
23) Nitrobenzene-d5	8.969	82	1590279	67.089	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	962052	109.943	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	2940139	55.795	ng	-0.01
79) Terphenyl-d14	19.792	244	3277531	50.647	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	367203	34.883	ng	98
3) Pyridine	3.740	79	980662	43.709	ng	98
4) n-Nitrosodimethylamine	3.652	42	391517	41.842	ng	97
6) Aniline	7.146	93	878706	22.074	ng	97
8) 2-Chlorophenol	7.387	128	1052942	41.566	ng	97
9) Benzaldehyde	6.957	77	606796m	30.304	ng	
10) Phenol	7.040	94	1327758	40.800	ng	98
11) bis(2-Chloroethyl)ether	7.240	93	985393	39.126	ng	96
12) 1,3-Dichlorobenzene	7.705	146	1197439	40.122	ng	99
13) 1,4-Dichlorobenzene	7.852	146	1215889	40.153	ng	99
14) 1,2-Dichlorobenzene	8.163	146	1152773	39.832	ng	99
15) Benzyl Alcohol	8.063	79	894369	40.354	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.352	45	1034900	31.657	ng	95
17) 2-Methylphenol	8.281	107	828625	39.335	ng	99
18) Hexachloroethane	8.893	117	419906	39.843	ng	94
19) n-Nitroso-di-n-propyla...	8.628	70	700914	36.980	ng	97
20) 3+4-Methylphenols	8.604	107	1095073	38.789	ng	98
22) Acetophenone	8.634	105	1433966	41.088	ng	98
24) Nitrobenzene	9.010	77	1070897	42.629	ng	97
25) Isophorone	9.540	82	1911966	43.122	ng	98
26) 2-Nitrophenol	9.722	139	546284	56.135	ng	95
27) 2,4-Dimethylphenol	9.804	122	883543	41.279	ng	99
28) bis(2-Chloroethoxy)met...	10.022	93	1171131	40.362	ng	99
29) 2,4-Dichlorophenol	10.269	162	911128	44.135	ng	99
30) 1,2,4-Trichlorobenzene	10.475	180	1057775	43.778	ng	98
31) Naphthalene	10.657	128	2971353	41.097	ng	100
32) Benzoic acid	9.981	122	611898	56.288	ng	97
33) 4-Chloroaniline	10.775	127	261072	8.831	ng	99
34) Hexachlorobutadiene	10.951	225	697769	47.422	ng	99
35) Caprolactam	11.563	113	265734	43.732	ng	92
36) 4-Chloro-3-methylphenol	11.922	107	901912	41.853	ng	99
37) 2-Methylnaphthalene	12.275	142	1988348	38.707	ng	99
38) 1-Methylnaphthalene	12.493	142	1891891	39.989	ng	100
40) 1,2,4,5-Tetrachloroben...	12.645	216	1139238	46.650	ng	99
41) Hexachlorocyclopentadiene	12.628	237	1232148	79.661	ng	100
43) 2,4,6-Trichlorophenol	12.892	196	721315	49.192	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.975	196	763325	47.459	ng		97
46) 1,1'-Biphenyl	13.287	154	2504949	42.338	ng		99
47) 2-Chloronaphthalene	13.328	162	1959858	43.732	ng		100
48) 2-Nitroaniline	13.534	65	518851	50.353	ng		95
49) Acenaphthylene	14.175	152	3131475	45.224	ng		99
50) Dimethylphthalate	13.916	163	2283228	42.718	ng		99
51) 2,6-Dinitrotoluene	14.034	165	511107	48.423	ng		94
52) Acenaphthene	14.522	154	2084115m	46.962	ng		
53) 3-Nitroaniline	14.363	138	326883	29.155	ng		96
54) 2,4-Dinitrophenol	14.569	184	559427	123.779	ng		97
55) Dibenzofuran	14.857	168	2798219	41.624	ng		99
56) 4-Nitrophenol	14.704	139	837211	89.789	ng		97
57) 2,4-Dinitrotoluene	14.822	165	672622	49.769	ng		94
58) Fluorene	15.510	166	2191929	41.636	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.092	232	637785	47.095	ng		93
60) Diethylphthalate	15.286	149	2218748	42.636	ng		100
61) 4-Chlorophenyl-phenyle...	15.504	204	1161976	43.333	ng		98
62) 4-Nitroaniline	15.534	138	465577	42.822	ng		98
63) Azobenzene	15.798	77	1995910	39.040	ng		97
65) 4,6-Dinitro-2-methylph...	15.592	198	362694	60.136	ng		92
66) n-Nitrosodiphenylamine	15.722	169	1899532	44.132	ng		98
67) 4-Bromophenyl-phenylether	16.404	248	742023	50.159	ng		94
68) Hexachlorobenzene	16.522	284	853441	49.186	ng		96
69) Atrazine	16.686	200	672299	44.372	ng		99
70) Pentachlorophenol	16.875	266	989817	94.778	ng		98
71) Phenanthrene	17.257	178	3364116	42.691	ng		99
72) Anthracene	17.351	178	3271908	41.714	ng		99
73) Carbazole	17.622	167	2929867	40.994	ng		99
74) Di-n-butylphthalate	18.186	149	3585167	45.322	ng		99
75) Fluoranthene	19.233	202	3832261	42.133	ng		98
77) Benzidine	19.422	184	927831	21.767	ng		100
78) Pyrene	19.592	202	3829698	46.447	ng		99
80) Butylbenzylphthalate	20.474	149	1484210	49.871	ng		96
81) Benzo(a)anthracene	21.310	228	3639922	43.975	ng		100
82) 3,3'-Dichlorobenzidine	21.245	252	1075893	35.409	ng		97
83) Chrysene	21.363	228	3382022	42.083	ng		100
84) Bis(2-ethylhexyl)phtha...	21.245	149	2082775	43.757	ng		99
85) Di-n-octyl phthalate	22.174	149	3559186	45.672	ng		97
87) Indeno(1,2,3-cd)pyrene	26.245	276	5349637	47.594	ng		95
88) Benzo(b)fluoranthene	23.004	252	4190432	42.900	ng		98
89) Benzo(k)fluoranthene	23.051	252	3722577	39.892	ng	#	98
90) Benzo(a)pyrene	23.627	252	4031267	43.514	ng	#	97
91) Dibenzo(a,h)anthracene	26.262	278	4613508	48.406	ng		97
92) Benzo(g,h,i)perylene	27.015	276	4764938	50.607	ng	#	95

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

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