Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112221\
Data File : BP008084.D
Acq On : 22 Nov 2021 15:51
Operator : CG/JU
Sample : M4754-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-4-COMPMS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/23/2021
Supervised By :Sohil Jodhani 11/30/2021

Quant Time: Nov 23 01:23:10 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 20 00:21:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.822	152	129459	20.000	ng		0.00
21) Naphthalene-d8	10.616	136	490917	20.000	ng		-0.01
39) Acenaphthene-d10	14.463	164	315247	20.000	ng		0.00
64) Phenanthrene-d10	17.222	188	679217	20.000	ng		0.00
76) Chrysene-d12	21.322	240	714006	20.000	ng		0.00
86) Perylene-d12	23.716	264	786819	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	963351	127.192	ng		0.00
7) Phenol-d6	7.005	99	1252664	119.314	ng		0.00
23) Nitrobenzene-d5	8.981	82	833464	77.019	ng		-0.01
42) 2,4,6-Tribromophenol	15.957	330	438192	109.836	ng		-0.01
45) 2-Fluorobiphenyl	13.087	172	1612239	80.081	ng		0.00
79) Terphenyl-d14	19.786	244	2434861	67.046	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	150291	42.399	ng		99
3) Pyridine	3.722	79	413711	40.768	ng		98
4) n-Nitrosodimethylamine	3.628	42	211706	46.565	ng		96
6) Aniline	7.152	93	505857	38.168	ng		98
8) 2-Chlorophenol	7.387	128	424758	49.956	ng		99
9) Benzaldehyde	6.963	77	274758	43.659	ng		98
10) Phenol	7.028	94	586824	52.180	ng		99
11) bis(2-Chloroethyl)ether	7.246	93	441981	46.147	ng		98
12) 1,3-Dichlorobenzene	7.710	146	460672	47.199	ng		98
13) 1,4-Dichlorobenzene	7.858	146	470684	47.513	ng		99
14) 1,2-Dichlorobenzene	8.175	146	451815	47.529	ng		99
15) Benzyl Alcohol	8.069	79	436695	48.178	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.357	45	642222	43.022	ng		98
17) 2-Methylphenol	8.275	107	370421	49.993	ng		99
18) Hexachloroethane	8.899	117	173710	49.239	ng		99
19) n-Nitroso-di-n-propyla...	8.634	70	340649	43.794	ng		98
20) 3+4-Methylphenols	8.605	107	494838	48.177	ng		99
22) Acetophenone	8.646	105	633345	46.501	ng	#	99
24) Nitrobenzene	9.022	77	517945	48.829	ng		100
25) Isophorone	9.557	82	895220	46.994	ng		99
26) 2-Nitrophenol	9.734	139	227397	50.367	ng		97
27) 2,4-Dimethylphenol	9.804	122	382074	56.153	ng		99
28) bis(2-Chloroethoxy)met...	10.034	93	552870	45.335	ng		99
29) 2,4-Dichlorophenol	10.275	162	406134	49.513	ng		98
30) 1,2,4-Trichlorobenzene	10.487	180	442743	47.467	ng		100
31) Naphthalene	10.669	128	1222835	49.030	ng		99
32) Benzoic acid	9.969	122	282530	48.435	ng		96
33) 4-Chloroaniline	10.781	127	250210	23.633	ng		98
34) Hexachlorobutadiene	10.957	225	293091	46.438	ng		98
35) Caprolactam	11.587	113	127683	69.343	ng		95
36) 4-Chloro-3-methylphenol	11.922	107	440775	46.553	ng		96
37) 2-Methylnaphthalene	12.281	142	874799	47.515	ng		98
38) 1-Methylnaphthalene	12.504	142	814341	45.164	ng		99
40) 1,2,4,5-Tetrachloroben...	12.657	216	491528	48.598	ng		99
41) Hexachlorocyclopentadiene	12.634	237	458993	99.884	ng		98
43) 2,4,6-Trichlorophenol	12.898	196	336575	48.307	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.969	196	365331	48.604	ng	99
46) 1,1'-Biphenyl	13.298	154	1087757	46.466	ng	99
47) 2-Chloronaphthalene	13.334	162	883020	49.495	ng	100
48) 2-Nitroaniline	13.545	65	308476	48.254	ng	98
49) Acenaphthylene	14.181	152	1388071	50.083	ng	100
50) Dimethylphthalate	13.928	163	1084057	45.413	ng	100
51) 2,6-Dinitrotoluene	14.045	165	239128	47.814	ng	95
52) Acenaphthene	14.528	154	798698	47.022	ng	99
53) 3-Nitroaniline	14.369	138	153101	29.298	ng	98
54) 2,4-Dinitrophenol	14.587	184	247963	79.458	ng	98
55) Dibenzofuran	14.863	168	1314094	44.935	ng	99
56) 4-Nitrophenol	14.698	139	427412	102.029	ng	96
57) 2,4-Dinitrotoluene	14.834	165	336823	48.709	ng	98
58) Fluorene	15.516	166	997385	51.911	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.098	232	311182m	46.024	ng	
60) Diethylphthalate	15.292	149	1061982	43.364	ng	100
61) 4-Chlorophenyl-phenyle...	15.510	204	521376	48.484	ng	99
62) 4-Nitroaniline	15.539	138	237506	44.164	ng	94
63) Azobenzene	15.804	77	1103508	43.213	ng	98
65) 4,6-Dinitro-2-methylph...	15.604	198	166658	36.331	ng	99
66) n-Nitrosodiphenylamine	15.728	169	914878	47.472	ng	100
67) 4-Bromophenyl-phenylether	16.410	248	338777	45.459	ng	97
68) Hexachlorobenzene	16.528	284	376613	47.291	ng	99
69) Atrazine	16.692	200	357994	72.666	ng	99
70) Pentachlorophenol	16.875	266	490173	95.728	ng	98
71) Phenanthrene	17.263	178	1700376	46.463	ng	99
72) Anthracene	17.357	178	1760127	48.579	ng	100
73) Carbazole	17.628	167	1604238	43.603	ng	99
74) Di-n-butylphthalate	18.186	149	1867029	46.564	ng	100
75) Fluoranthene	19.239	202	2148994	45.559	ng	99
77) Benzidine	19.416	184	1368474	110.062	ng	99
78) Pyrene	19.592	202	2237717	46.152	ng	100
80) Butylbenzylphthalate	20.469	149	921047	45.464	ng	98
81) Benzo(a)anthracene	21.304	228	2218346	46.327	ng	99
82) 3,3'-Dichlorobenzidine	21.239	252	705610	35.791	ng	100
83) Chrysene	21.357	228	2194813	48.303	ng	100
84) Bis(2-ethylhexyl)phtha...	21.233	149	1251528	45.667	ng	100
85) Di-n-octyl phthalate	22.157	149	2421940	48.228	ng	99
87) Indeno(1,2,3-cd)pyrene	26.233	276	2672642	48.952	ng	100
88) Benzo(b)fluoranthene	22.992	252	2446146	49.724	ng	100
89) Benzo(k)fluoranthene	23.039	252	2221918	45.395	ng	99
90) Benzo(a)pyrene	23.616	252	2311218	56.058	ng	99
91) Dibenzo(a,h)anthracene	26.245	278	2248271	49.469	ng	99
92) Benzo(g,h,i)perylene	26.998	276	2332928	52.400	ng	99

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

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