Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120721\
Data File : BP008257.D
Acq On : 07 Dec 2021 18:59
Operator : CG/JU
Sample : M4920-02MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FDR-20211202-WC-SMSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :Sohil Jodhani 12/10/2021

Quant Time: Dec 08 01:09:51 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 03 14:39:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.787	152	71517	20.000	ng		-0.01
21) Naphthalene-d8	10.581	136	264516	20.000	ng		-0.02
39) Acenaphthene-d10	14.434	164	173977	20.000	ng		-0.01
64) Phenanthrene-d10	17.198	188	371070	20.000	ng		-0.01
76) Chrysene-d12	21.304	240	424125	20.000	ng		-0.01
86) Perylene-d12	23.698	264	437893	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	610553	137.457	ng		0.00
7) Phenol-d6	6.975	99	753846	125.723	ng		-0.01
23) Nitrobenzene-d5	8.946	82	571840	98.306	ng		-0.02
42) 2,4,6-Tribromophenol	15.940	330	342776	154.145	ng		-0.01
45) 2-Fluorobiphenyl	13.052	172	1142612	95.397	ng		-0.02
79) Terphenyl-d14	19.769	244	2017548	99.417	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	85927	41.465	ng	#	48
3) Pyridine	3.705	79	179429	32.441	ng		99
4) n-Nitrosodimethylamine	3.599	42	120829	52.376	ng		98
6) Aniline	7.117	93	137983	19.631	ng		96
8) 2-Chlorophenol	7.358	128	241785	53.175	ng		98
9) Benzaldehyde	6.928	77	82360	22.897	ng		93
10) Phenol	7.005	94	308562	50.077	ng		99
11) bis(2-Chloroethyl)ether	7.217	93	248586	50.474	ng		100
12) 1,3-Dichlorobenzene	7.675	146	253444	48.290	ng		99
13) 1,4-Dichlorobenzene	7.822	146	257548	48.400	ng		97
14) 1,2-Dichlorobenzene	8.134	146	248298	46.919	ng		97
15) Benzyl Alcohol	8.034	79	263182	55.398	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.322	45	369844	49.769	ng		99
17) 2-Methylphenol	8.246	107	213706	53.311	ng		98
18) Hexachloroethane	8.858	117	97296	49.175	ng		94
19) n-Nitroso-di-n-propyla...	8.599	70	210129	50.645	ng		98
20) 3+4-Methylphenols	8.575	107	284261	51.380	ng		97
22) Acetophenone	8.616	105	378122	52.261	ng	#	99
24) Nitrobenzene	8.993	77	311165	55.159	ng		98
25) Isophorone	9.522	82	545913	53.643	ng		99
26) 2-Nitrophenol	9.699	139	131408	53.990	ng	#	94
27) 2,4-Dimethylphenol	9.775	122	224667	61.721	ng		97
28) bis(2-Chloroethoxy)met...	9.999	93	324661	50.056	ng		99
29) 2,4-Dichlorophenol	10.252	162	240836	55.398	ng		99
30) 1,2,4-Trichlorobenzene	10.446	180	253017	50.143	ng		96
31) Naphthalene	10.634	128	691243	51.013	ng		99
32) Benzoic acid	9.969	122	157204	52.796	ng		95
33) 4-Chloroaniline	10.758	127	51830	9.220	ng		97
34) Hexachlorobutadiene	10.916	225	173384	50.210	ng		98
35) Caprolactam	11.569	113	70331	72.829	ng		98
36) 4-Chloro-3-methylphenol	11.905	107	279129	56.166	ng		96
37) 2-Methylnaphthalene	12.246	142	506411	52.841	ng		97
38) 1-Methylnaphthalene	12.469	142	469752	50.356	ng		98
40) 1,2,4,5-Tetrachloroben...	12.622	216	299271	52.955	ng		99
41) Hexachlorocyclopentadiene	12.599	237	242717	111.710	ng		99
43) 2,4,6-Trichlorophenol	12.869	196	206188	53.850	ng		96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	222221	54.162	ng	97
46) 1,1'-Biphenyl	13.263	154	648900	51.407	ng	99
47) 2-Chloronaphthalene	13.304	162	522994	52.465	ng	99
48) 2-Nitroaniline	13.522	65	199622	58.112	ng	100
49) Acenaphthylene	14.157	152	820195	53.333	ng	99
50) Dimethylphthalate	13.904	163	697535	53.392	ng	100
51) 2,6-Dinitrotoluene	14.022	165	154848	57.111	ng	98
52) Acenaphthene	14.499	154	483452	52.750	ng	99
53) 3-Nitroaniline	14.351	138	88985	32.384	ng	90
54) 2,4-Dinitrophenol	14.575	184	200781	125.246	ng	93
55) Dibenzofuran	14.834	168	792050	50.573	ng	98
56) 4-Nitrophenol	14.693	139	222767	105.771	ng	89
57) 2,4-Dinitrotoluene	14.816	165	215718	57.974	ng	96
58) Fluorene	15.487	166	631211	49.606	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.075	232	194554m	53.325	ng	
60) Diethylphthalate	15.269	149	684325	52.784	ng	100
61) 4-Chlorophenyl-phenyle...	15.481	204	338680	48.525	ng	97
62) 4-Nitroaniline	15.522	138	136129	47.743	ng	91
63) Azobenzene	15.781	77	698261	52.655	ng	98
65) 4,6-Dinitro-2-methylph...	15.593	198	127962	52.723	ng	99
66) n-Nitrosodiphenylamine	15.704	169	503081	46.804	ng	99
67) 4-Bromophenyl-phenylether	16.381	248	221144	53.594	ng	97
68) Hexachlorobenzene	16.504	284	243964	55.312	ng	97
69) Atrazine	16.669	200	181509	65.065	ng	98
70) Pentachlorophenol	16.857	266	292619	111.570	ng	97
71) Phenanthrene	17.240	178	1045311	53.355	ng	99
72) Anthracene	17.334	178	1072507	55.162	ng	100
73) Carbazole	17.610	167	865479	45.600	ng	99
74) Di-n-butylphthalate	18.163	149	1187397	49.976	ng	100
75) Fluoranthene	19.222	202	1314699	49.813	ng	98
77) Benzidine	19.404	184	134601	23.136	ng	97
78) Pyrene	19.569	202	1359143	51.237	ng	99
80) Butylbenzylphthalate	20.451	149	597286	49.455	ng	99
81) Benzo(a)anthracene	21.286	228	1442115	51.304	ng	100
82) 3,3'-Dichlorobenzidine	21.222	252	140344	10.597	ng	100
83) Chrysene	21.339	228	1434701	53.637	ng	99
84) Bis(2-ethylhexyl)phtha...	21.216	149	866012	47.227	ng	99
85) Di-n-octyl phthalate	22.133	149	1554538	49.905	ng	99
87) Indeno(1,2,3-cd)pyrene	26.204	276	1854912	58.226	ng	97
88) Benzo(b)fluoranthene	22.969	252	1591273	60.279	ng	98
89) Benzo(k)fluoranthene	23.022	252	1578692	61.085	ng	99
90) Benzo(a)pyrene	23.592	252	1531519	67.880	ng	99
91) Dibenzo(a,h)anthracene	26.216	278	1590317	60.108	ng	97
92) Benzo(g,h,i)perylene	26.968	276	1557041	58.335	ng	96

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

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