Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080123\
Data File : BP016450.D
Acq On : 01 Aug 2023 11:39
Operator : MA/JU
Sample : 03769-08MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-P39BMS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/02/2023
Supervised By :mohammad ahmed 08/02/2023

Quant Time: Aug 01 15:49:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 28 01:48:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.081	152	536690	20.000	ng		-0.01
21) Naphthalene-d8	10.916	136	2168730	20.000	ng		-0.01
39) Acenaphthene-d10	14.728	164	1201582	20.000	ng		0.00
64) Phenanthrene-d10	17.498	188	2341340	20.000	ng		0.00
76) Chrysene-d12	21.598	240	1627489	20.000	ng		0.00
86) Perylene-d12	24.192	264	1583666	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.593	112	3232047	98.247	ng		-0.01
7) Phenol-d6	7.222	99	4207939	93.320	ng		0.00
23) Nitrobenzene-d5	9.281	82	2347975	60.605	ng		-0.01
42) 2,4,6-Tribromophenol	16.227	330	1286170	72.759	ng		0.00
45) 2-Fluorobiphenyl	13.357	172	5156853	61.529	ng		0.00
79) Terphenyl-d14	20.045	244	6223265	80.776	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.446	88	514982	40.138	ng		99
3) Pyridine	3.858	79	1372029	35.775	ng		100
4) n-Nitrosodimethylamine	3.787	42	617627	42.712	ng		99
6) Aniline	7.410	93	1371067	24.617	ng		99
8) 2-Chlorophenol	7.634	128	1631067	47.287	ng		97
9) Benzaldehyde	7.228	77	904572	44.337	ng		99
10) Phenol	7.246	94	2114034	48.278	ng		99
11) bis(2-Chloroethyl)ether	7.510	93	1572694	44.182	ng		99
12) 1,3-Dichlorobenzene	7.963	146	1677918	45.314	ng		98
13) 1,4-Dichlorobenzene	8.116	146	1720674	45.810	ng		99
14) 1,2-Dichlorobenzene	8.428	146	1648673	45.587	ng		98
15) Benzyl Alcohol	8.334	79	1384681	44.949	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.616	45	1827711	45.276	ng		99
17) 2-Methylphenol	8.516	107	1371562	43.461	ng		100
18) Hexachloroethane	9.157	117	615986	45.976	ng		94
19) n-Nitroso-di-n-propyla...	8.904	70	1172906	41.521	ng		98
20) 3+4-Methylphenols	8.851	107	1834210	42.795	ng		99
22) Acetophenone	8.928	105	2358914	43.080	ng	#	99
24) Nitrobenzene	9.322	77	1713492	43.061	ng		98
25) Isophorone	9.840	82	3198689	40.895	ng		99
26) 2-Nitrophenol	10.028	139	725170	42.655	ng		95
27) 2,4-Dimethylphenol	10.063	122	1464455	41.850	ng		99
28) bis(2-Chloroethoxy)met...	10.328	93	2052081	42.831	ng		99
29) 2,4-Dichlorophenol	10.545	162	1453946	44.397	ng		98
30) 1,2,4-Trichlorobenzene	10.763	180	1500321	42.297	ng		100
31) Naphthalene	10.969	128	4738625	41.772	ng		99
32) Benzoic acid	10.198	122	885225	39.794	ng		97
33) 4-Chloroaniline	11.092	127	296278	5.790	ng		98
34) Hexachlorobutadiene	11.204	225	846617	40.314	ng		99
35) Caprolactam	11.910	113	454471m	37.979	ng		
36) 4-Chloro-3-methylphenol	12.181	107	1517885	41.697	ng		99
37) 2-Methylnaphthalene	12.563	142	3202743	38.863	ng		99
38) 1-Methylnaphthalene	12.781	142	3047372	39.442	ng		100
40) 1,2,4,5-Tetrachloroben...	12.910	216	1583702	43.371	ng		98
41) Hexachlorocyclopentadiene	12.869	237	1714957	93.513	ng		98
43) 2,4,6-Trichlorophenol	13.157	196	1062697	45.357	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.228	196	1159746	40.800	ng		98
46) 1,1'-Biphenyl	13.569	154	4079324	44.537	ng		100
47) 2-Chloronaphthalene	13.616	162	3140039	45.441	ng		99
48) 2-Nitroaniline	13.839	65	854784	43.883	ng		98
49) Acenaphthylene	14.463	152	5034453	43.910	ng		100
50) Dimethylphthalate	14.192	163	4656319	49.728	ng		99
51) 2,6-Dinitrotoluene	14.328	165	794263	41.406	ng		93
52) Acenaphthene	14.798	154	2911579	42.704	ng		100
53) 3-Nitroaniline	14.663	138	503698	23.226	ng		92
54) 2,4-Dinitrophenol	14.857	184	621430	70.324	ng		95
55) Dibenzofuran	15.133	168	4589233	41.041	ng		100
56) 4-Nitrophenol	14.945	139	1378614	81.209	ng		99
57) 2,4-Dinitrotoluene	15.104	165	1040537	41.622	ng		91
58) Fluorene	15.780	166	3547234	40.379	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.339	232	928238	39.697	ng		93
60) Diethylphthalate	15.545	149	3684968	39.601	ng		99
61) 4-Chlorophenyl-phenyle...	15.775	204	1739020	39.228	ng		98
62) 4-Nitroaniline	15.833	138	783540	36.406	ng		100
63) Azobenzene	16.069	77	3689115	41.987	ng		97
65) 4,6-Dinitro-2-methylph...	15.857	198	442170	41.339	ng		95
66) n-Nitrosodiphenylamine	15.998	169	3128089	45.334	ng		99
67) 4-Bromophenyl-phenylether	16.674	248	1063077	42.880	ng		94
68) Hexachlorobenzene	16.757	284	1186313	42.909	ng		95
69) Atrazine	16.951	200	1027521	50.072	ng		99
70) Pentachlorophenol	17.116	266	1257292	65.715	ng		94
71) Phenanthrene	17.539	178	5350768	43.039	ng		99
72) Anthracene	17.633	178	5385500	43.080	ng		100
73) Carbazole	17.910	167	4859912	41.465	ng		100
74) Di-n-butylphthalate	18.427	149	6142109	45.296	ng		99
75) Fluoranthene	19.498	202	5615630	38.537	ng		98
77) Benzidine	19.692	184	2238937	79.347	ng		100
78) Pyrene	19.857	202	5702485	52.269	ng		99
80) Butylbenzylphthalate	20.721	149	2401519	56.031	ng		99
81) Benzo(a)anthracene	21.580	228	4812624	44.073	ng		99
82) 3,3'-Dichlorobenzidine	21.510	252	904360	25.229	ng	#	98
83) Chrysene	21.633	228	4387928	42.081	ng		100
84) Bis(2-ethylhexyl)phtha...	21.468	149	3401919	52.867	ng		99
85) Di-n-octyl phthalate	22.462	149	5264660	48.646	ng		98
87) Indeno(1,2,3-cd)pyrene	26.974	276	4857600	45.497	ng		96
88) Benzo(b)fluoranthene	23.386	252	4355642	47.447	ng		98
89) Benzo(k)fluoranthene	23.439	252	4136192	44.303	ng	#	98
90) Benzo(a)pyrene	24.080	252	3729466	41.943	ng		98
91) Dibenzo(a,h)anthracene	27.003	278	4076167	45.779	ng		98
92) Benzo(g,h,i)perylene	27.839	276	3891613	45.355	ng		97

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

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