Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061424\
Data File : BP020628.D
Acq On : 14 Jun 2024 16:48
Operator : MA/JU
Sample : P2889-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 14 17:16:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 30 03:41:03 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
WCS-TPJMS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.746	152	213830	20.000	ng		-0.02
21) Naphthalene-d8	10.516	136	849736	20.000	ng		-0.02
39) Acenaphthene-d10	14.381	164	546838	20.000	ng		-0.01
64) Phenanthrene-d10	17.181	188	1166805	20.000	ng		-0.02
76) Chrysene-d12	21.645	240	1137046	20.000	ng		-0.02
86) Perylene-d12	24.998	264	1387192	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	1441801	120.726	ng		0.00
7) Phenol-d6	6.934	99	1879161	111.574	ng		0.00
23) Nitrobenzene-d5	8.905	82	1123385	72.369	ng		-0.02
42) 2,4,6-Tribromophenol	15.898	330	863504	152.156	ng		-0.01
45) 2-Fluorobiphenyl	12.987	172	2735322	74.567	ng		-0.02
79) Terphenyl-d14	19.922	244	4714084	69.018	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.311	88	173521	35.958	ng		95
3) Pyridine	3.711	79	459255	33.849	ng		93
4) n-Nitrosodimethylamine	3.617	42	241021	36.573	ng		90
6) Aniline	7.087	93	410841	24.073	ng		98
8) 2-Chlorophenol	7.322	128	627990	46.908	ng		96
9) Benzaldehyde	6.905	77	50213m	4.648	ng		
10) Phenol	6.958	94	776193	44.992	ng		99
11) bis(2-Chloroethyl)ether	7.181	93	563772	39.625	ng		96
12) 1,3-Dichlorobenzene	7.640	146	670278	42.494	ng		97
13) 1,4-Dichlorobenzene	7.781	146	678093	42.297	ng		99
14) 1,2-Dichlorobenzene	8.093	146	655166	42.345	ng		99
15) Benzyl Alcohol	7.993	79	542723	43.625	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.263	45	777235	36.591	ng		98
17) 2-Methylphenol	8.187	107	516246	44.096	ng		99
18) Hexachloroethane	8.810	117	243687	41.628	ng		92
19) n-Nitroso-di-n-propyla...	8.552	70	443100	38.538	ng		95
20) 3+4-Methylphenols	8.510	107	710990	44.650	ng		97
22) Acetophenone	8.569	105	905058	42.909	ng	#	97
24) Nitrobenzene	8.946	77	653925	41.508	ng		97
25) Isophorone	9.463	82	1213102	40.222	ng		97
26) 2-Nitrophenol	9.646	139	325035	51.827	ng		97
27) 2,4-Dimethylphenol	9.704	122	442768	48.593	ng		98
28) bis(2-Chloroethoxy)met...	9.940	93	745939	40.239	ng		99
29) 2,4-Dichlorophenol	10.169	162	603532	49.372	ng		97
30) 1,2,4-Trichlorobenzene	10.387	180	650734	44.840	ng		98
31) Naphthalene	10.569	128	1909417	43.955	ng		100
32) Benzoic acid	9.857	122	408030	47.259	ng		97
33) 4-Chloroaniline	10.687	127	298823	17.783	ng		99
34) Hexachlorobutadiene	10.840	225	399165	43.665	ng		100
35) Caprolactam	11.493	113	199307	44.491	ng		90
36) 4-Chloro-3-methylphenol	11.810	107	655538	45.802	ng		95
37) 2-Methylnaphthalene	12.187	142	1320746	42.431	ng		99
38) 1-Methylnaphthalene	12.404	142	1252762	40.600	ng		99
40) 1,2,4,5-Tetrachloroben...	12.551	216	766394	48.439	ng		99
41) Hexachlorocyclopentadiene	12.528	237	746946	134.330	ng		99
43) 2,4,6-Trichlorophenol	12.798	196	506015	52.909	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.875	196	559122	50.675	ng		96
46) 1,1'-Biphenyl	13.204	154	1749764	45.340	ng		99
47) 2-Chloronaphthalene	13.246	162	1348314	43.948	ng		99
48) 2-Nitroaniline	13.451	65	409660	49.278	ng		98
49) Acenaphthylene	14.098	152	2232693	49.045	ng		100
50) Dimethylphthalate	13.834	163	1682995	43.662	ng		99
51) 2,6-Dinitrotoluene	13.957	165	381107	46.256	ng		91
52) Acenaphthene	14.445	154	1251924	43.597	ng		100
53) 3-Nitroaniline	14.287	138	281252	34.032	ng		100
54) 2,4-Dinitrophenol	14.498	184	372617	94.474	ng		93
55) Dibenzofuran	14.787	168	2107870	46.338	ng		97
56) 4-Nitrophenol	14.610	139	675955	105.735	ng		92
57) 2,4-Dinitrotoluene	14.757	165	534490	49.363	ng		95
58) Fluorene	15.445	166	1659108	45.433	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.016	232	497422	55.089	ng		95
60) Diethylphthalate	15.216	149	1649835	42.105	ng		98
61) 4-Chlorophenyl-phenyle...	15.445	204	846901	44.942	ng		99
62) 4-Nitroaniline	15.475	138	406277	47.723	ng		95
63) Azobenzene	15.739	77	1534184	41.932	ng		97
65) 4,6-Dinitro-2-methylph...	15.534	198	277839	52.799	ng		96
66) n-Nitrosodiphenylamine	15.663	169	1450635	45.220	ng		99
67) 4-Bromophenyl-phenylether	16.357	248	547190	45.839	ng		97
68) Hexachlorobenzene	16.469	284	660586	47.020	ng		99
69) Atrazine	16.639	200	556849	49.340	ng		100
70) Pentachlorophenol	16.828	266	898129	105.259	ng		98
71) Phenanthrene	17.234	178	2849657	49.683	ng		100
72) Anthracene	17.328	178	2814689	50.010	ng		99
73) Carbazole	17.604	167	2564406	47.104	ng		99
74) Di-n-butylphthalate	18.198	149	3063458	46.467	ng		99
75) Fluoranthene	19.322	202	3790976	55.868	ng		99
77) Benzidine	19.528	184	1792716	44.802	ng		98
78) Pyrene	19.698	202	3875292	45.311	ng		100
80) Butylbenzylphthalate	20.657	149	1464492	42.797	ng		92
81) Benzo(a)anthracene	21.622	228	3778476	50.469	ng		100
82) 3,3'-Dichlorobenzidine	21.539	252	846400	38.031	ng		99
83) Chrysene	21.692	228	3598804	51.013	ng		100
84) Bis(2-ethylhexyl)phtha...	21.563	149	2123315	43.622	ng	#	97
85) Di-n-octyl phthalate	22.845	149	3801406	53.732	ng		96
87) Indeno(1,2,3-cd)pyrene	28.815	276	4649055	55.113	ng	#	93
88) Benzo(b)fluoranthene	23.933	252	4038042	46.726	ng		99
89) Benzo(k)fluoranthene	24.016	252	3671027	43.554	ng		99
90) Benzo(a)pyrene	24.833	252	3701575	51.719	ng		99
91) Dibenzo(a,h)anthracene	28.880	278	3598184	51.140	ng		98
92) Benzo(g,h,i)perylene	30.009	276	3702088	52.641	ng		96

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

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