Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061424\
Data File : BP020629.D
Acq On : 14 Jun 2024 17:32
Operator : MA/JU
Sample : P2889-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WCS-TPJMSD

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

Quant Time: Jun 14 18:21:52 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.752	152	224732	20.000	ng		-0.02
21) Naphthalene-d8	10.522	136	892091	20.000	ng		-0.01
39) Acenaphthene-d10	14.381	164	593617	20.000	ng		-0.01
64) Phenanthrene-d10	17.192	188	1227649	20.000	ng		-0.01
76) Chrysene-d12	21.639	240	1132086	20.000	ng		-0.03
86) Perylene-d12	25.004	264	1342595	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	1456393	116.032	ng		0.00
7) Phenol-d6	6.934	99	1925238	108.764	ng		0.00
23) Nitrobenzene-d5	8.899	82	1162844	71.354	ng		-0.02
42) 2,4,6-Tribromophenol	15.904	330	920838	149.472	ng		0.00
45) 2-Fluorobiphenyl	12.987	172	2898747	72.795	ng		-0.02
79) Terphenyl-d14	19.927	244	4765703	70.079	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.317	88	169017	33.326	ng		95
3) Pyridine	3.711	79	456353	32.003	ng		94
4) n-Nitrosodimethylamine	3.622	42	240151	34.674	ng		93
6) Aniline	7.093	93	446833	24.912	ng		97
8) 2-Chlorophenol	7.322	128	645405	45.870	ng		97
9) Benzaldehyde	6.910	77	51182m	4.508	ng		
10) Phenol	6.963	94	793568	43.767	ng		99
11) bis(2-Chloroethyl)ether	7.187	93	581806	38.909	ng		95
12) 1,3-Dichlorobenzene	7.640	146	675536	40.750	ng		97
13) 1,4-Dichlorobenzene	7.787	146	694879	41.241	ng		98
14) 1,2-Dichlorobenzene	8.099	146	668609	41.118	ng		98
15) Benzyl Alcohol	7.993	79	559017	42.755	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.263	45	800883	35.875	ng		97
17) 2-Methylphenol	8.193	107	534168	43.413	ng		99
18) Hexachloroethane	8.816	117	249798	40.601	ng		93
19) n-Nitroso-di-n-propyla...	8.552	70	462161	38.246	ng		95
20) 3+4-Methylphenols	8.516	107	734509	43.889	ng		99
22) Acetophenone	8.569	105	933754	42.168	ng	#	97
24) Nitrobenzene	8.940	77	670216	40.522	ng		99
25) Isophorone	9.469	82	1267286	40.023	ng		98
26) 2-Nitrophenol	9.646	139	339085	51.524	ng		95
27) 2,4-Dimethylphenol	9.704	122	463234	48.426	ng		98
28) bis(2-Chloroethoxy)met...	9.934	93	781101	40.135	ng		100
29) 2,4-Dichlorophenol	10.175	162	633006	49.325	ng		97
30) 1,2,4-Trichlorobenzene	10.381	180	681886	44.756	ng		98
31) Naphthalene	10.575	128	1952796	42.820	ng		99
32) Benzoic acid	9.863	122	450411	49.339	ng		97
33) 4-Chloroaniline	10.681	127	344742	19.541	ng		98
34) Hexachlorobutadiene	10.846	225	421283	43.896	ng		99
35) Caprolactam	11.493	113	213208	45.334	ng		87
36) 4-Chloro-3-methylphenol	11.816	107	692731	46.103	ng		96
37) 2-Methylnaphthalene	12.187	142	1409034	43.118	ng		98
38) 1-Methylnaphthalene	12.404	142	1309157	40.413	ng		99
40) 1,2,4,5-Tetrachloroben...	12.551	216	808198	47.056	ng		99
41) Hexachlorocyclopentadiene	12.528	237	779131	129.076	ng		99
43) 2,4,6-Trichlorophenol	12.798	196	539734	51.988	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.875	196	584482	48.799	ng		98
46) 1,1'-Biphenyl	13.198	154	1871312	44.668	ng		98
47) 2-Chloronaphthalene	13.245	162	1458445	43.792	ng		99
48) 2-Nitroaniline	13.445	65	427426	47.363	ng		98
49) Acenaphthylene	14.098	152	2319291	46.932	ng		100
50) Dimethylphthalate	13.834	163	1774037	42.397	ng		100
51) 2,6-Dinitrotoluene	13.957	165	404724	45.252	ng		91
52) Acenaphthene	14.445	154	1328424	42.616	ng		99
53) 3-Nitroaniline	14.287	138	309159	34.461	ng		98
54) 2,4-Dinitrophenol	14.504	184	424494	97.809	ng		93
55) Dibenzofuran	14.787	168	2205214	44.658	ng		99
56) 4-Nitrophenol	14.610	139	713910	102.872	ng		93
57) 2,4-Dinitrotoluene	14.763	165	567027	48.241	ng		90
58) Fluorene	15.457	166	1761830	44.444	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.016	232	524604	53.521	ng		96
60) Diethylphthalate	15.228	149	1805958	42.458	ng		99
61) 4-Chlorophenyl-phenyle...	15.445	204	915691	44.763	ng		98
62) 4-Nitroaniline	15.481	138	428387	46.355	ng		96
63) Azobenzene	15.745	77	1632378	41.100	ng		95
65) 4,6-Dinitro-2-methylph...	15.539	198	300541	54.068	ng		95
66) n-Nitrosodiphenylamine	15.663	169	1542855	45.711	ng		100
67) 4-Bromophenyl-phenylether	16.363	248	603102	48.019	ng		97
68) Hexachlorobenzene	16.469	284	686287	46.429	ng		100
69) Atrazine	16.657	200	586064	49.355	ng		98
70) Pentachlorophenol	16.833	266	931412	103.750	ng		99
71) Phenanthrene	17.233	178	2974457	49.289	ng		100
72) Anthracene	17.333	178	2964865	50.068	ng		99
73) Carbazole	17.610	167	2652725	46.312	ng		99
74) Di-n-butylphthalate	18.198	149	3266797	47.095	ng		99
75) Fluoranthene	19.327	202	3802408	53.260	ng		98
77) Benzidine	19.533	184	1758361	44.225	ng		98
78) Pyrene	19.704	202	3805399	44.689	ng		100
80) Butylbenzylphthalate	20.657	149	1454734	42.703	ng		91
81) Benzo(a)anthracene	21.621	228	3632289	48.729	ng		100
82) 3,3'-Dichlorobenzidine	21.545	252	923154	41.661	ng		99
83) Chrysene	21.692	228	3480958	49.559	ng		99
84) Bis(2-ethylhexyl)phtha...	21.563	149	2070796	42.730	ng	#	97
85) Di-n-octyl phthalate	22.845	149	3700030	52.528	ng		96
87) Indeno(1,2,3-cd)pyrene	28.821	276	4423710	54.184	ng		98
88) Benzo(b)fluoranthene	23.939	252	3806883	45.514	ng		99
89) Benzo(k)fluoranthene	24.010	252	3563597	43.684	ng		99
90) Benzo(a)pyrene	24.845	252	3554123	51.308	ng		99
91) Dibenzo(a,h)anthracene	28.898	278	3481984	51.133	ng		98
92) Benzo(g,h,i)perylene	29.997	276	3500265	51.425	ng		96

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

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