Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060524\
Data File : BP020528.D
Acq On : 05 Jun 2024 22:44
Operator : MA/JU
Sample : P2662-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WCS-TPRMS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024

Quant Time: Jun 06 01:16:11 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	7.769	152	270289	20.000	ng		0.00
21) Naphthalene-d8	10.546	136	1063686	20.000	ng		0.01
39) Acenaphthene-d10	14.392	164	686772	20.000	ng		0.00
64) Phenanthrene-d10	17.198	188	1480763	20.000	ng		0.00
76) Chrysene-d12	21.657	240	1327577	20.000	ng		-0.01
86) Perylene-d12	24.998	264	1531720	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	1763390	116.811	ng		0.00
7) Phenol-d6	6.934	99	2330727	109.479	ng		0.00
23) Nitrobenzene-d5	8.910	82	1431379	73.663	ng		-0.01
42) 2,4,6-Tribromophenol	15.910	330	1049367	147.231	ng		0.00
45) 2-Fluorobiphenyl	13.010	172	3287122	71.351	ng		0.00
79) Terphenyl-d14	19.922	244	5528599	69.326	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	226129	37.072	ng		96
3) Pyridine	3.717	79	605209	35.289	ng		96
4) n-Nitrosodimethylamine	3.634	42	313077	37.584	ng		94
6) Aniline	7.105	93	435423	20.184	ng		97
8) 2-Chlorophenol	7.334	128	744408	43.989	ng		99
9) Benzaldehyde	6.922	77	99137m	7.260	ng		
10) Phenol	6.963	94	918148	42.103	ng		100
11) bis(2-Chloroethyl)ether	7.193	93	693800	38.578	ng		97
12) 1,3-Dichlorobenzene	7.657	146	817802	41.017	ng		98
13) 1,4-Dichlorobenzene	7.799	146	822847	40.605	ng		100
14) 1,2-Dichlorobenzene	8.116	146	794368	40.618	ng		99
15) Benzyl Alcohol	8.005	79	647425	41.170	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.275	45	968246	36.062	ng		99
17) 2-Methylphenol	8.199	107	606132	40.959	ng		98
18) Hexachloroethane	8.834	117	296908	40.125	ng		94
19) n-Nitroso-di-n-propyla...	8.563	70	520216	35.794	ng		97
20) 3+4-Methylphenols	8.522	107	817152	40.598	ng		100
22) Acetophenone	8.581	105	1062877	40.256	ng	#	98
24) Nitrobenzene	8.957	77	789634	40.041	ng		98
25) Isophorone	9.475	82	1446384	38.310	ng		99
26) 2-Nitrophenol	9.657	139	354593	45.655	ng		99
27) 2,4-Dimethylphenol	9.716	122	514267	45.088	ng		99
28) bis(2-Chloroethoxy)met...	9.951	93	891481	38.417	ng		99
29) 2,4-Dichlorophenol	10.187	162	696540	45.519	ng		96
30) 1,2,4-Trichlorobenzene	10.404	180	773767	42.594	ng		97
31) Naphthalene	10.593	128	2219181	40.811	ng		100
32) Benzoic acid	9.851	122	481449	44.940	ng		98
33) 4-Chloroaniline	10.699	127	276677	13.153	ng		98
34) Hexachlorobutadiene	10.875	225	473402	41.369	ng		99
35) Caprolactam	11.481	113	242785m	43.295	ng		
36) 4-Chloro-3-methylphenol	11.810	107	770679	43.016	ng		98
37) 2-Methylnaphthalene	12.193	142	1561781	40.082	ng		99
38) 1-Methylnaphthalene	12.422	142	1442018	37.334	ng		99
40) 1,2,4,5-Tetrachloroben...	12.557	216	887250	44.652	ng		99
41) Hexachlorocyclopentadiene	12.540	237	617117	88.368	ng		99
43) 2,4,6-Trichlorophenol	12.804	196	580465	48.327	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.881	196	638180	46.055	ng	99
46) 1,1'-Biphenyl	13.216	154	2061715	42.538	ng	99
47) 2-Chloronaphthalene	13.251	162	1621819	42.092	ng	99
48) 2-Nitroaniline	13.457	65	491033	47.031	ng	99
49) Acenaphthylene	14.110	152	2650679	46.363	ng	100
50) Dimethylphthalate	13.851	163	1965768	40.607	ng	99
51) 2,6-Dinitrotoluene	13.957	165	443599	42.870	ng	96
52) Acenaphthene	14.457	154	1493566	41.414	ng	99
53) 3-Nitroaniline	14.292	138	283897	27.352	ng	97
54) 2,4-Dinitrophenol	14.510	184	317928	71.208	ng	95
55) Dibenzofuran	14.798	168	2496243	43.695	ng	98
56) 4-Nitrophenol	14.610	139	824168	102.651	ng	95
57) 2,4-Dinitrotoluene	14.763	165	640470	47.099	ng	95
58) Fluorene	15.457	166	1965528	42.857	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.022	232	575037	50.709	ng	97
60) Diethylphthalate	15.245	149	2049998	41.658	ng	99
61) 4-Chlorophenyl-phenyle...	15.457	204	1000759	42.286	ng	98
62) 4-Nitroaniline	15.481	138	460181	43.041	ng	96
63) Azobenzene	15.757	77	1916704	41.712	ng	98
65) 4,6-Dinitro-2-methylph...	15.534	198	257860	40.669	ng	98
66) n-Nitrosodiphenylamine	15.681	169	1752476	43.046	ng	100
67) 4-Bromophenyl-phenylether	16.375	248	674765	44.542	ng	98
68) Hexachlorobenzene	16.475	284	762082	42.744	ng	99
69) Atrazine	16.663	200	671765	46.902	ng	100
70) Pentachlorophenol	16.828	266	989573	91.386	ng	99
71) Phenanthrene	17.239	178	3133512	43.049	ng	99
72) Anthracene	17.328	178	3225606	45.160	ng	99
73) Carbazole	17.622	167	3020267	43.715	ng	99
74) Di-n-butylphthalate	18.216	149	3678542	43.966	ng	100
75) Fluoranthene	19.327	202	3751615	43.566	ng	99
77) Benzidine	19.522	184	1460930	33.074	ng	99
78) Pyrene	19.710	202	3857209	38.627	ng	100
80) Butylbenzylphthalate	20.669	149	1614901	40.554	ng	93
81) Benzo(a)anthracene	21.633	228	3830871	43.825	ng	100
82) 3,3'-Dichlorobenzidine	21.557	252	945897	36.402	ng	100
83) Chrysene	21.704	228	3607647	43.799	ng	100
84) Bis(2-ethylhexyl)phtha...	21.586	149	2368471	41.675	ng	98
85) Di-n-octyl phthalate	22.892	149	4145944	50.192	ng	97
87) Indeno(1,2,3-cd)pyrene	28.827	276	4701393m	50.475	ng	
88) Benzo(b)fluoranthene	23.945	252	3938376	41.273	ng	99
89) Benzo(k)fluoranthene	24.015	252	3890634	41.804	ng	99
90) Benzo(a)pyrene	24.851	252	3679398	46.558	ng	99
91) Dibenzo(a,h)anthracene	28.927	278	3813121	49.082	ng	98
92) Benzo(g,h,i)perylene	29.992	276	3651750	47.026	ng	99

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

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