Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081924\
Data File : BP021557.D
Acq On : 19 Aug 2024 17:27
Operator : RC/JU
Sample : P3518-15MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

Quant Time: Aug 19 17:56:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 14 00:00:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.810	152	380912	20.000	ng		0.00
21) Naphthalene-d8	10.598	136	1541185	20.000	ng		0.00
39) Acenaphthene-d10	14.457	164	961255	20.000	ng		0.00
64) Phenanthrene-d10	17.269	188	2031100	20.000	ng		0.02
76) Chrysene-d12	21.733	240	1811609	20.000	ng		0.04
86) Perylene-d12	25.174	264	2263954	20.000	ng		0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.399	112	2303211	89.783	ng		0.00
7) Phenol-d6	6.969	99	3265194	87.254	ng		0.00
23) Nitrobenzene-d5	8.951	82	1874617	62.782	ng		0.00
42) 2,4,6-Tribromophenol	15.975	330	1001254	93.589	ng		0.00
45) 2-Fluorobiphenyl	13.063	172	2742679	43.545	ng		0.00
79) Terphenyl-d14	19.980	244	3846197	41.246	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.316	88	434918	35.756	ng		99
3) Pyridine	3.711	79	1256838	37.014	ng		97
4) n-Nitrosodimethylamine	3.616	42	467112	45.767	ng		94
6) Aniline	7.128	93	1366021	36.514	ng		98
8) 2-Chlorophenol	7.375	128	1372318	57.888	ng		94
9) Benzaldehyde	6.946	77	76739m	3.203	ng		
10) Phenol	6.999	94	2057077	53.084	ng		96
11) bis(2-Chloroethyl)ether	7.228	93	1534065	46.785	ng		95
12) 1,3-Dichlorobenzene	7.699	146	1378469	48.952	ng		97
13) 1,4-Dichlorobenzene	7.840	146	1399140	49.206	ng		98
14) 1,2-Dichlorobenzene	8.157	146	1351589	49.325	ng		99
15) Benzyl Alcohol	8.040	79	1374834	51.203	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.322	45	1415725	46.884	ng		96
17) 2-Methylphenol	8.246	107	1295223	52.870	ng		98
18) Hexachloroethane	8.887	117	564558	49.512	ng		97
19) n-Nitroso-di-n-propyla...	8.610	70	1057568	40.912	ng		96
20) 3+4-Methylphenols	8.569	107	1792141	54.253	ng		98
22) Acetophenone	8.622	105	2093542	44.217	ng	#	98
24) Nitrobenzene	8.999	77	1648553	50.834	ng		93
25) Isophorone	9.522	82	3134762	44.439	ng		98
26) 2-Nitrophenol	9.704	139	662566	66.995	ng		95
27) 2,4-Dimethylphenol	9.769	122	1004025	57.674	ng		97
28) bis(2-Chloroethoxy)met...	10.004	93	1981805	46.025	ng		99
29) 2,4-Dichlorophenol	10.246	162	1230677	59.832	ng		98
30) 1,2,4-Trichlorobenzene	10.457	180	1293380	49.047	ng		97
31) Naphthalene	10.651	128	3983226	49.474	ng		99
32) Benzoic acid	9.910	122	918272	68.457	ng		93
33) 4-Chloroaniline	10.745	127	907525	30.008	ng		97
34) Hexachlorobutadiene	10.945	225	782589	47.133	ng		99
35) Caprolactam	11.528	113	440859	51.494	ng		89
36) 4-Chloro-3-methylphenol	11.881	107	1570959	55.059	ng		95
37) 2-Methylnaphthalene	12.263	142	2701593	49.165	ng		99
38) 1-Methylnaphthalene	12.487	142	2496065	46.058	ng		99
40) 1,2,4,5-Tetrachloroben...	12.634	216	1344490	47.736	ng		100
41) Hexachlorocyclopentadiene	12.616	237	916803	102.705	ng		99
43) 2,4,6-Trichlorophenol	12.875	196	992659	63.448	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.945	196	1054676	60.675	ng		97
46) 1,1'-Biphenyl	13.281	154	3189103	46.892	ng		98
47) 2-Chloronaphthalene	13.322	162	2705079	51.089	ng		99
48) 2-Nitroaniline	13.522	65	914127	60.141	ng	#	85
49) Acenaphthylene	14.181	152	4396407	56.483	ng		100
50) Dimethylphthalate	13.916	163	3260887	50.655	ng		99
51) 2,6-Dinitrotoluene	14.022	165	722017	54.963	ng		89
52) Acenaphthene	14.528	154	2833052m	55.473	ng		
53) 3-Nitroaniline	14.351	138	619732	48.495	ng	#	92
54) 2,4-Dinitrophenol	14.575	184	551205	104.575	ng	#	87
55) Dibenzofuran	14.863	168	4077221	51.897	ng		99
56) 4-Nitrophenol	14.675	139	1328685	121.628	ng	#	85
57) 2,4-Dinitrotoluene	14.822	165	1007873	59.654	ng		87
58) Fluorene	15.533	166	3190712	49.436	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.092	232	937306	63.529	ng		98
60) Diethylphthalate	15.310	149	3277644	49.623	ng		99
61) 4-Chlorophenyl-phenyle...	15.522	204	1596782	47.862	ng		99
62) 4-Nitroaniline	15.533	138	752008	56.733	ng		92
63) Azobenzene	15.822	77	3729636	45.936	ng		96
65) 4,6-Dinitro-2-methylph...	15.604	198	405879	60.592	ng		95
66) n-Nitrosodiphenylamine	15.739	169	2765656	50.811	ng		99
67) 4-Bromophenyl-phenylether	16.439	248	1064529	49.522	ng		99
68) Hexachlorobenzene	16.557	284	1250154	49.212	ng		99
69) Atrazine	16.722	200	934501	50.006	ng		99
70) Pentachlorophenol	16.910	266	1625051	117.203	ng		99
71) Phenanthrene	17.316	178	5247047	53.717	ng		100
72) Anthracene	17.404	178	5198022	54.261	ng		100
73) Carbazole	17.680	167	4850396	52.538	ng		99
74) Di-n-butylphthalate	18.286	149	5839100	51.499	ng		100
75) Fluoranthene	19.398	202	6237397	52.043	ng		99
77) Benzidine	19.580	184	2104115	51.236	ng		100
78) Pyrene	19.769	202	6564849	55.442	ng		100
80) Butylbenzylphthalate	20.721	149	2580677	56.717	ng		90
81) Benzo(a)anthracene	21.710	228	6299057	55.388	ng		99
82) 3,3'-Dichlorobenzidine	21.621	252	1950144	53.482	ng		100
83) Chrysene	21.780	228	5853165	54.512	ng		100
84) Bis(2-ethylhexyl)phtha...	21.657	149	3782673	56.276	ng		98
85) Di-n-octyl phthalate	22.980	149	6677421	55.691	ng		97
87) Indeno(1,2,3-cd)pyrene	29.074	276	8189179m	55.803	ng		
88) Benzo(b)fluoranthene	24.080	252	6715641	51.649	ng		100
89) Benzo(k)fluoranthene	24.157	252	6508573	51.314	ng		100
90) Benzo(a)pyrene	25.009	252	6308879	55.912	ng		99
91) Dibenzo(a,h)anthracene	29.186	278	6529749	53.551	ng		99
92) Benzo(g,h,i)perylene	30.292	276	6370452	52.126	ng		99

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

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