Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060724\
Data File : BP020565.D
Acq On : 07 Jun 2024 18:29
Operator : MA/JU
Sample : P2715-05MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WCS-TPMMSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024

Quant Time: Jun 08 00:10:25 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	344196	20.000	ng	-0.02
21) Naphthalene-d8	10.522	136	1318003	20.000	ng	-0.01
39) Acenaphthene-d10	14.381	164	820123	20.000	ng	-0.01
64) Phenanthrene-d10	17.198	188	1697749	20.000	ng	0.00
76) Chrysene-d12	21.669	240	1610187	20.000	ng	0.00
86) Perylene-d12	25.033	264	1947087	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2529538	131.582	ng	0.00
7) Phenol-d6	6.934	99	3197039	117.926	ng	0.00
23) Nitrobenzene-d5	8.905	82	1954457	81.174	ng	-0.02
42) 2,4,6-Tribromophenol	15.910	330	1357401	159.482	ng	0.00
45) 2-Fluorobiphenyl	12.998	172	3935786	71.540	ng	0.00
79) Terphenyl-d14	19.939	244	6267387	64.797	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.323	88	289022	37.209	ng	95
3) Pyridine	3.717	79	756451	34.637	ng	94
4) n-Nitrosodimethylamine	3.628	42	410198	38.669	ng	94
6) Aniline	7.093	93	972334	35.395	ng	97
8) 2-Chlorophenol	7.328	128	1002809	46.534	ng	96
9) Benzaldehyde	6.911	77	112081m	6.445	ng	
10) Phenol	6.963	94	1211077	43.611	ng	99
11) bis(2-Chloroethyl)ether	7.187	93	929675	40.594	ng	98
12) 1,3-Dichlorobenzene	7.646	146	1074091	42.304	ng	99
13) 1,4-Dichlorobenzene	7.787	146	1095002	42.432	ng	99
14) 1,2-Dichlorobenzene	8.099	146	1053782	42.312	ng	99
15) Benzyl Alcohol	7.993	79	864246	43.157	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.269	45	1243932	36.382	ng	98
17) 2-Methylphenol	8.193	107	820132	43.520	ng	100
18) Hexachloroethane	8.816	117	394638	41.880	ng	90
19) n-Nitroso-di-n-propyla...	8.552	70	696152	37.615	ng	96
20) 3+4-Methylphenols	8.510	107	1091601	42.588	ng	98
22) Acetophenone	8.569	105	1417000	43.312	ng	98
24) Nitrobenzene	8.946	77	1026202	41.996	ng	98
25) Isophorone	9.463	82	1861829	39.799	ng	99
26) 2-Nitrophenol	9.646	139	530093	54.299	ng	97
27) 2,4-Dimethylphenol	9.705	122	694225	49.121	ng	98
28) bis(2-Chloroethoxy)met...	9.946	93	1184016	41.178	ng	100
29) 2,4-Dichlorophenol	10.175	162	934790	49.302	ng	97
30) 1,2,4-Trichlorobenzene	10.393	180	1022295	45.416	ng	99
31) Naphthalene	10.575	128	2895543	42.974	ng	99
32) Benzoic acid	9.863	122	706249	51.944	ng	98
33) 4-Chloroaniline	10.687	127	860806	33.026	ng	98
34) Hexachlorobutadiene	10.857	225	633608	44.686	ng	98
35) Caprolactam	11.499	113	300734m	43.281	ng	
36) 4-Chloro-3-methylphenol	11.816	107	989859	44.589	ng	98
37) 2-Methylnaphthalene	12.193	142	2014051	41.716	ng	99
38) 1-Methylnaphthalene	12.399	142	1855776	38.775	ng	100
40) 1,2,4,5-Tetrachloroben...	12.563	216	1147424	48.356	ng	99
41) Hexachlorocyclopentadiene	12.540	237	750840	90.035	ng	99
43) 2,4,6-Trichlorophenol	12.804	196	754655	52.613	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.875	196	817072	49.377	ng	99
46) 1,1'-Biphenyl	13.210	154	2580103	44.578	ng	99
47) 2-Chloronaphthalene	13.257	162	2040218	44.341	ng	99
48) 2-Nitroaniline	13.463	65	607515	48.726	ng	96
49) Acenaphthylene	14.104	152	3234067	47.369	ng	100
50) Dimethylphthalate	13.840	163	2456782	42.498	ng	100
51) 2,6-Dinitrotoluene	13.957	165	560732	45.379	ng	93
52) Acenaphthene	14.457	154	1829541	42.482	ng	100
53) 3-Nitroaniline	14.287	138	517944	41.788	ng	95
54) 2,4-Dinitrophenol	14.510	184	507754	88.147	ng	91
55) Dibenzofuran	14.798	168	3025739	44.351	ng	97
56) 4-Nitrophenol	14.616	139	947448	98.818	ng	95
57) 2,4-Dinitrotoluene	14.763	165	767307	47.251	ng	94
58) Fluorene	15.451	166	2364932	43.181	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.016	232	712188	52.592	ng	97
60) Diethylphthalate	15.240	149	2420855	41.195	ng	98
61) 4-Chlorophenyl-phenyle...	15.451	204	1212596	42.906	ng	97
62) 4-Nitroaniline	15.481	138	574946	45.031	ng	96
63) Azobenzene	15.757	77	2247529	40.959	ng	94
65) 4,6-Dinitro-2-methylph...	15.540	198	358073	47.641	ng	93
66) n-Nitrosodiphenylamine	15.675	169	2085230	44.674	ng	100
67) 4-Bromophenyl-phenylether	16.375	248	803390	46.254	ng	98
68) Hexachlorobenzene	16.481	284	912478	44.638	ng	100
69) Atrazine	16.669	200	787577	47.960	ng	100
70) Pentachlorophenol	16.834	266	1258628	101.378	ng	99
71) Phenanthrene	17.245	178	3717950	44.549	ng	99
72) Anthracene	17.345	178	3865747	47.205	ng	100
73) Carbazole	17.628	167	3507295	44.276	ng	99
74) Di-n-butylphthalate	18.222	149	4241539	44.216	ng	99
75) Fluoranthene	19.333	202	4548868	46.073	ng	100
77) Benzidine	19.545	184	2380259	42.378	ng	99
78) Pyrene	19.716	202	4692599	38.745	ng	100
80) Butylbenzylphthalate	20.680	149	2058595	42.499	ng	91
81) Benzo(a)anthracene	21.651	228	4809394	45.362	ng	100
82) 3,3'-Dichlorobenzidine	21.569	252	1756736	55.740	ng	99
83) Chrysene	21.722	228	4531599	45.360	ng	100
84) Bis(2-ethylhexyl)phtha...	21.592	149	2921097	42.378	ng	98
85) Di-n-octyl phthalate	22.892	149	5210120	52.004	ng	96
87) Indeno(1,2,3-cd)pyrene	28.892	276	6184772m	52.236	ng	
88) Benzo(b)fluoranthene	23.968	252	4966140	40.941	ng	99
89) Benzo(k)fluoranthene	24.039	252	5003382	42.291	ng	99
90) Benzo(a)pyrene	24.874	252	4709031	46.876	ng	99
91) Dibenzo(a,h)anthracene	28.956	278	5092053	51.561	ng	99
92) Benzo(g,h,i)perylene	30.074	276	4860317	49.237	ng	96

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

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