Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060524\
Data File : BP020518.D
Acq On : 05 Jun 2024 15:08
Operator : MA/JU
Sample : P2668-04MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-TP-1MSD

Manual Integrations APPROVED

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

Quant Time: Jun 05 15:50:19 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	283819	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	1119476	20.000	ng	0.00
39) Acenaphthene-d10	14.387	164	704926	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	1474379	20.000	ng	-0.01
76) Chrysene-d12	21.645	240	1338917	20.000	ng	-0.02
86) Perylene-d12	25.015	264	1559460	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	2057372	129.788	ng	0.01
7) Phenol-d6	6.940	99	2558342	114.441	ng	0.00
23) Nitrobenzene-d5	8.916	82	1775644	86.825	ng	0.00
42) 2,4,6-Tribromophenol	15.892	330	1073881	146.790	ng	-0.02
45) 2-Fluorobiphenyl	12.998	172	4022874	85.073	ng	0.00
79) Terphenyl-d14	19.933	244	6119917	76.091	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	227021	35.444	ng	# 46
3) Pyridine	3.740	79	563827	31.309	ng	95
4) n-Nitrosodimethylamine	3.646	42	328865	37.597	ng	92
6) Aniline	7.111	93	308120	13.602	ng	98
8) 2-Chlorophenol	7.334	128	791124	44.521	ng	98
9) Benzaldehyde	6.922	77	91199	6.360	ng	98
10) Phenol	6.963	94	914329	39.929	ng	99
11) bis(2-Chloroethyl)ether	7.205	93	736810	39.017	ng	100
12) 1,3-Dichlorobenzene	7.652	146	831498	39.716	ng	99
13) 1,4-Dichlorobenzene	7.805	146	850728	39.979	ng	99
14) 1,2-Dichlorobenzene	8.116	146	823596	40.105	ng	98
15) Benzyl Alcohol	8.005	79	734062	44.454	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.281	45	1036064	36.748	ng	99
17) 2-Methylphenol	8.205	107	653210	42.036	ng	99
18) Hexachloroethane	8.840	117	306849	39.491	ng	94
19) n-Nitroso-di-n-propyla...	8.563	70	582982	38.201	ng	98
20) 3+4-Methylphenols	8.522	107	888600	42.043	ng	99
22) Acetophenone	8.581	105	1185285	42.655	ng	98
24) Nitrobenzene	8.958	77	855990	41.242	ng	99
25) Isophorone	9.475	82	1626316	40.929	ng	99
26) 2-Nitrophenol	9.657	139	392830	47.858	ng	96
27) 2,4-Dimethylphenol	9.710	122	568706	47.376	ng	99
28) bis(2-Chloroethoxy)met...	9.957	93	1008818	41.307	ng	99
29) 2,4-Dichlorophenol	10.181	162	778271	48.326	ng	96
30) 1,2,4-Trichlorobenzene	10.393	180	810478	42.391	ng	100
31) Naphthalene	10.587	128	2399986	41.936	ng	100
32) Benzoic acid	9.810	122	243100	25.123	ng	98
33) 4-Chloroaniline	10.693	127	97564	4.407	ng	98
34) Hexachlorobutadiene	10.863	225	498985	41.432	ng	99
35) Caprolactam	11.469	113	228895	38.784	ng	90
36) 4-Chloro-3-methylphenol	11.810	107	818435	43.405	ng	97
37) 2-Methylnaphthalene	12.193	142	1672849	40.793	ng	99
38) 1-Methylnaphthalene	12.422	142	1585439	39.001	ng	100
40) 1,2,4,5-Tetrachloroben...	12.551	216	942976	46.234	ng	100
41) Hexachlorocyclopentadiene	12.534	237	722582	100.806	ng	100
43) 2,4,6-Trichlorophenol	12.804	196	623587	50.580	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.869	196	670323	47.128	ng	98
46) 1,1'-Biphenyl	13.216	154	2210443	44.432	ng	99
47) 2-Chloronaphthalene	13.251	162	1713816	43.334	ng	99
48) 2-Nitroaniline	13.457	65	523517	48.851	ng	98
49) Acenaphthylene	14.104	152	2800548	47.722	ng	100
50) Dimethylphthalate	13.851	163	2153411	43.337	ng	99
51) 2,6-Dinitrotoluene	13.963	165	471682	44.411	ng	96
52) Acenaphthene	14.445	154	1578286	42.636	ng	100
53) 3-Nitroaniline	14.293	138	172058	16.150	ng	98
54) 2,4-Dinitrophenol	14.493	184	161928	41.991	ng	94
55) Dibenzofuran	14.787	168	2632173	44.887	ng	98
56) 4-Nitrophenol	14.604	139	757606	91.931	ng	93
57) 2,4-Dinitrotoluene	14.751	165	653724	46.835	ng	91
58) Fluorene	15.451	166	2029826	43.119	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.022	232	579621	49.797	ng	98
60) Diethylphthalate	15.228	149	2143502	42.436	ng	99
61) 4-Chlorophenyl-phenyle...	15.451	204	1051349	43.279	ng	99
62) 4-Nitroaniline	15.475	138	465203	42.390	ng	94
63) Azobenzene	15.751	77	1966870	41.702	ng	96
65) 4,6-Dinitro-2-methylph...	15.528	198	175225	30.186	ng	95
66) n-Nitrosodiphenylamine	15.669	169	1834546	45.258	ng	100
67) 4-Bromophenyl-phenylether	16.357	248	647243	42.910	ng	97
68) Hexachlorobenzene	16.469	284	783257	44.122	ng	98
69) Atrazine	16.639	200	667675	46.819	ng	99
70) Pentachlorophenol	16.828	266	817684	75.840	ng	98
71) Phenanthrene	17.239	178	3233922	44.620	ng	99
72) Anthracene	17.328	178	3173689	44.625	ng	100
73) Carbazole	17.604	167	3002413	43.645	ng	99
74) Di-n-butylphthalate	18.216	149	3629127	43.564	ng	100
75) Fluoranthene	19.322	202	3762963	43.887	ng	99
77) Benzidine	19.533	184	353106	12.466	ng	99
78) Pyrene	19.704	202	3878185	38.508	ng	99
80) Butylbenzylphthalate	20.675	149	1617603	40.295	ng	93
81) Benzo(a)anthracene	21.627	228	3889314	44.117	ng	100
82) 3,3'-Dichlorobenzidine	21.557	252	576140	21.984	ng	100
83) Chrysene	21.692	228	3649668	43.934	ng	100
84) Bis(2-ethylhexyl)phtha...	21.592	149	2348635	40.976	ng	98
85) Di-n-octyl phthalate	22.892	149	4091770	49.116	ng	97
87) Indeno(1,2,3-cd)pyrene	28.821	276	4675314m	49.302	ng	
88) Benzo(b)fluoranthene	23.945	252	3925479	40.406	ng	99
89) Benzo(k)fluoranthene	24.021	252	3917786	41.347	ng	99
90) Benzo(a)pyrene	24.851	252	3671634	45.634	ng	99
91) Dibenzo(a,h)anthracene	28.909	278	3800672	48.051	ng	98
92) Benzo(g,h,i)perylene	30.009	276	3604893	45.597	ng	98

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

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