Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062821\
Data File : BP006074.D
Acq On : 28 Jun 2021 13:15
Operator : CG/JU
Sample : M2824-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ABN-1MSD

Manual Integrations APPROVED
mohammad
6/29/2021 2:29:54 PM

Quant Time: Jun 28 14:04:00 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 28 11:34:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	70816	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	272936	20.000	ng	0.00
39) Acenaphthene-d10	14.533	164	167905	20.000	ng	0.00
64) Phenanthrene-d10	17.280	188	325755	20.000	ng	0.00
76) Chrysene-d12	21.357	240	374583	20.000	ng	0.00
86) Perylene-d12	23.756	264	435095	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	19679	4.459	ng	0.01
7) Phenol-d6	7.087	99	110171	19.260	ng	0.00
23) Nitrobenzene-d5	9.069	82	363756	65.341	ng	0.00
42) 2,4,6-Tribromophenol	16.027	330	6010	2.086	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	803254	62.820	ng	0.00
79) Terphenyl-d14	19.827	244	1256242	62.798	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	68486	34.349	ng	97
3) Pyridine	3.757	79	172225	36.752	ng	98
4) n-Nitrosodimethylamine	3.663	42	81511	37.421	ng	87
6) Aniline	7.234	93	274639	43.005	ng	99
8) 2-Chlorophenol	7.469	128	236196	46.678	ng	99
9) Benzaldehyde	7.045	77	131642	53.984	ng	98
10) Phenol	7.110	94	277806	48.616	ng	96
11) bis(2-Chloroethyl)ether	7.328	93	205652	47.493	ng	99
12) 1,3-Dichlorobenzene	7.793	146	249457	44.089	ng	98
13) 1,4-Dichlorobenzene	7.940	146	255450	44.271	ng	99
14) 1,2-Dichlorobenzene	8.257	146	244019	44.243	ng	99
15) Benzyl Alcohol	8.151	79	201075	46.669	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.440	45	174137	43.504	ng	97
17) 2-Methylphenol	8.363	107	189458	48.661	ng	97
18) Hexachloroethane	8.981	117	90159	43.197	ng	97
19) n-Nitroso-di-n-propyla...	8.716	70	155413	44.164	ng	95
20) 3+4-Methylphenols	8.692	107	251698	47.859	ng	95
22) Acetophenone	8.734	105	324743	45.204	ng	97
24) Nitrobenzene	9.116	77	238030	41.175	ng	99
25) Isophorone	9.645	82	410888	39.967	ng	99
26) 2-Nitrophenol	9.822	139	123415	44.744	ng	94
27) 2,4-Dimethylphenol	9.892	122	206939	50.360	ng	99
28) bis(2-Chloroethoxy)met...	10.122	93	254857	47.499	ng	99
29) 2,4-Dichlorophenol	10.369	162	215886	43.717	ng	99
30) 1,2,4-Trichlorobenzene	10.569	180	230128	41.474	ng	97
31) Naphthalene	10.757	128	674879	42.736	ng	99
32) Benzoic acid	10.081	122	131836	43.503	ng	97
33) 4-Chloroaniline	10.875	127	169979	26.644	ng	99
34) Hexachlorobutadiene	11.039	225	149320	39.786	ng	97
35) Caprolactam	11.686	113	66991	47.097	ng	96
36) 4-Chloro-3-methylphenol	12.010	107	226848	45.241	ng	97
37) 2-Methylnaphthalene	12.363	142	476422	42.373	ng	98
38) 1-Methylnaphthalene	12.580	142	442878	41.817	ng	100
40) 1,2,4,5-Tetrachloroben...	12.733	216	254339	43.034	ng	98
41) Hexachlorocyclopentadiene	12.710	237	217567	73.730	ng	98
43) 2,4,6-Trichlorophenol	12.980	196	170267	42.002	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	183648	42.066	ng	96
46) 1,1'-Biphenyl	13.369	154	588393	43.463	ng	99
47) 2-Chloronaphthalene	13.416	162	467331	42.274	ng	99
48) 2-Nitroaniline	13.627	65	129319	44.491	ng	97
49) Acenaphthylene	14.257	152	745108	43.933	ng	99
50) Dimethylphthalate	13.998	163	598497	43.353	ng	100
51) 2,6-Dinitrotoluene	14.122	165	133483	42.540	ng	96
52) Acenaphthene	14.598	154	437490	42.477	ng	98
53) 3-Nitroaniline	14.451	138	98906	32.522	ng	95
54) 2,4-Dinitrophenol	14.669	184	140426	75.535	ng	97
55) Dibenzofuran	14.933	168	702297	41.463	ng	99
56) 4-Nitrophenol	14.786	139	204245	82.857	ng	89
57) 2,4-Dinitrotoluene	14.910	165	183399	43.700	ng	99
58) Fluorene	15.580	166	566704	42.942	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.169	232	163120m	42.394	ng	
60) Diethylphthalate	15.357	149	593822	42.873	ng	99
61) 4-Chlorophenyl-phenyle...	15.574	204	288580	42.170	ng	99
62) 4-Nitroaniline	15.616	138	137213	43.835	ng	94
63) Azobenzene	15.869	77	515931	41.172	ng	94
65) 4,6-Dinitro-2-methylph...	15.680	198	96920	40.487	ng	96
66) n-Nitrosodiphenylamine	15.792	169	498154	46.115	ng	98
67) 4-Bromophenyl-phenylether	16.469	248	186413	44.584	ng	98
68) Hexachlorobenzene	16.586	284	223624	44.621	ng	98
69) Atrazine	16.745	200	184791	54.983	ng	98
70) Pentachlorophenol	16.939	266	252908	90.757	ng	100
71) Phenanthrene	17.321	178	886281	45.304	ng	100
72) Anthracene	17.416	178	894924	46.481	ng	100
73) Carbazole	17.692	167	810940	43.869	ng	100
74) Di-n-butylphthalate	18.233	149	1009589	47.139	ng	99
75) Fluoranthene	19.286	202	1060813	44.651	ng	98
77) Benzidine	19.468	184	662086	84.945	ng	99
78) Pyrene	19.639	202	1108104	42.375	ng	100
80) Butylbenzylphthalate	20.504	149	482183	44.819	ng	96
81) Benzo(a)anthracene	21.345	228	1146049	42.384	ng	99
82) 3,3'-Dichlorobenzidine	21.274	252	393771	42.122	ng	98
83) Chrysene	21.398	228	1128048	43.072	ng	99
84) Bis(2-ethylhexyl)phtha...	21.256	149	715602	45.353	ng	99
85) Di-n-octyl phthalate	22.174	149	1286881	45.591	ng	99
87) Indeno(1,2,3-cd)pyrene	26.286	276	1721161	46.259	ng	98
88) Benzo(b)fluoranthene	23.021	252	1297765	43.549	ng	98
89) Benzo(k)fluoranthene	23.074	252	1307336	45.242	ng	99
90) Benzo(a)pyrene	23.650	252	1314099	46.904	ng	98
91) Dibenzo(a,h)anthracene	26.297	278	1462282	45.662	ng	98
92) Benzo(g,h,i)perylene	27.062	276	1471375	46.511	ng	98

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

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