Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072823\
Data File : BP016420.D
Acq On : 28 Jul 2023 13:21
Operator : MA/JU
Sample : 03580-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WASTE-1MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023

Quant Time: Jul 28 14:41:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 28 01:48:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.093	152	380464	20.000	ng		0.00
21) Naphthalene-d8	10.922	136	1632761	20.000	ng		0.00
39) Acenaphthene-d10	14.734	164	1042214	20.000	ng		0.00
64) Phenanthrene-d10	17.498	188	2386750	20.000	ng		0.00
76) Chrysene-d12	21.592	240	2302177	20.000	ng		0.00
86) Perylene-d12	24.192	264	2563661	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.605	112	3062217	131.307	ng		0.00
7) Phenol-d6	7.228	99	3878850	121.344	ng		0.00
23) Nitrobenzene-d5	9.287	82	2574340	88.260	ng		0.00
42) 2,4,6-Tribromophenol	16.228	330	1736618	113.264	ng		0.00
45) 2-Fluorobiphenyl	13.363	172	5746844	79.054	ng		0.00
79) Terphenyl-d14	20.039	244	9611366	88.191	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.464	88	301059	33.099	ng	#	52
3) Pyridine	3.881	79	828752	30.482	ng		100
4) n-Nitrosodimethylamine	3.805	42	414513	40.436	ng		97
6) Aniline	7.422	93	926676	23.470	ng		99
8) 2-Chlorophenol	7.640	128	1086753	44.444	ng		96
9) Benzaldehyde	7.240	77	359904	20.207	ng		98
10) Phenol	7.257	94	1310803	42.226	ng		100
11) bis(2-Chloroethyl)ether	7.522	93	1039279	41.186	ng		99
12) 1,3-Dichlorobenzene	7.969	146	1031463	39.294	ng		97
13) 1,4-Dichlorobenzene	8.128	146	1054192	39.590	ng		99
14) 1,2-Dichlorobenzene	8.440	146	1030695	40.202	ng		98
15) Benzyl Alcohol	8.340	79	1029183	47.127	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.622	45	1199568	41.917	ng		98
17) 2-Methylphenol	8.522	107	938110	41.932	ng		99
18) Hexachloroethane	9.169	117	377975	39.796	ng		95
19) n-Nitroso-di-n-propyla...	8.910	70	847738	42.333	ng		98
20) 3+4-Methylphenols	8.857	107	1302810	42.878	ng		99
22) Acetophenone	8.940	105	1672218	40.564	ng	#	99
24) Nitrobenzene	9.328	77	1213377	40.502	ng		96
25) Isophorone	9.846	82	2443105	41.488	ng		99
26) 2-Nitrophenol	10.034	139	516329	40.510	ng		95
27) 2,4-Dimethylphenol	10.069	122	1102434	41.846	ng		99
28) bis(2-Chloroethoxy)met...	10.334	93	1481277	41.066	ng		99
29) 2,4-Dichlorophenol	10.557	162	1080673	43.831	ng		98
30) 1,2,4-Trichlorobenzene	10.769	180	1017877	38.116	ng		98
31) Naphthalene	10.975	128	3441431	40.295	ng		99
32) Benzoic acid	10.193	122	664348	39.688	ng		97
33) 4-Chloroaniline	11.098	127	485227	12.595	ng		98
34) Hexachlorobutadiene	11.210	225	552051	34.917	ng		99
35) Caprolactam	11.910	113	378791m	42.045	ng		
36) 4-Chloro-3-methylphenol	12.187	107	1243745	45.382	ng		98
37) 2-Methylnaphthalene	12.575	142	2408661	38.822	ng		99
38) 1-Methylnaphthalene	12.787	142	2267341	38.979	ng		100
40) 1,2,4,5-Tetrachloroben...	12.916	216	1155084	36.470	ng		99
41) Hexachlorocyclopentadiene	12.875	237	1254939	78.893	ng		99
43) 2,4,6-Trichlorophenol	13.163	196	868708	42.747	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.234	196	968555	39.284	ng	#	97
46) 1,1'-Biphenyl	13.575	154	3114648	39.205	ng		99
47) 2-Chloronaphthalene	13.622	162	2414531	40.284	ng		99
48) 2-Nitroaniline	13.839	65	799230	47.305	ng		97
49) Acenaphthylene	14.463	152	3991279	40.134	ng		100
50) Dimethylphthalate	14.198	163	3360872	41.382	ng		100
51) 2,6-Dinitrotoluene	14.328	165	725439	43.601	ng		90
52) Acenaphthene	14.798	154	2409372	40.742	ng		99
53) 3-Nitroaniline	14.663	138	657274	34.942	ng		93
54) 2,4-Dinitrophenol	14.863	184	706191	89.655	ng		98
55) Dibenzofuran	15.134	168	3881566	40.021	ng		99
56) 4-Nitrophenol	14.945	139	1414987	96.097	ng		97
57) 2,4-Dinitrotoluene	15.110	165	1008766	46.522	ng		96
58) Fluorene	15.786	166	3124214	41.002	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.345	232	838794	41.357	ng		93
60) Diethylphthalate	15.551	149	3368891	41.740	ng		99
61) 4-Chlorophenyl-phenyle...	15.775	204	1498775	38.979	ng		97
62) 4-Nitroaniline	15.834	138	780475	41.809	ng		98
63) Azobenzene	16.075	77	3223813	42.302	ng		97
65) 4,6-Dinitro-2-methylph...	15.857	198	460194	42.074	ng		93
66) n-Nitrosodiphenylamine	15.998	169	2809128	39.937	ng		100
67) 4-Bromophenyl-phenylether	16.681	248	969954	38.380	ng		96
68) Hexachlorobenzene	16.757	284	1107137	39.283	ng		95
69) Atrazine	16.951	200	1020170	48.768	ng		99
70) Pentachlorophenol	17.116	266	1468526	75.295	ng		96
71) Phenanthrene	17.539	178	5272576	41.603	ng		99
72) Anthracene	17.633	178	5139208	40.327	ng		100
73) Carbazole	17.910	167	5162803	43.211	ng		99
74) Di-n-butylphthalate	18.427	149	6008777	43.470	ng		100
75) Fluoranthene	19.498	202	6165110	41.503	ng		99
77) Benzidine	19.686	184	215089	5.389	ng		98
78) Pyrene	19.851	202	6434400	41.693	ng		99
80) Butylbenzylphthalate	20.716	149	2804590	46.259	ng		99
81) Benzo(a)anthracene	21.574	228	6400030	41.433	ng		100
82) 3,3'-Dichlorobenzidine	21.510	252	1905350	37.577	ng		98
83) Chrysene	21.633	228	5938616	40.261	ng		100
84) Bis(2-ethylhexyl)phtha...	21.463	149	4144886	45.536	ng		99
85) Di-n-octyl phthalate	22.463	149	7179963	46.900	ng		99
87) Indeno(1,2,3-cd)pyrene	26.968	276	7653048	44.279	ng		97
88) Benzo(b)fluoranthene	23.380	252	6811108	45.833	ng		99
89) Benzo(k)fluoranthene	23.439	252	6696333	44.307	ng		99
90) Benzo(a)pyrene	24.074	252	5857638	40.695	ng		99
91) Dibenzo(a,h)anthracene	27.003	278	6404204	44.431	ng		98
92) Benzo(g,h,i)perylene	27.839	276	6091424	43.855	ng		98

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

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