Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072823\
Data File : BP016419.D
Acq On : 28 Jul 2023 12:47
Operator : MA/JU
Sample : 03580-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WASTE-1MS

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

Quant Time: Jul 28 14:41:08 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	428757	20.000	ng	0.00
21) Naphthalene-d8	10.922	136	1792926	20.000	ng	0.00
39) Acenaphthene-d10	14.734	164	1092188	20.000	ng	0.00
64) Phenanthrene-d10	17.498	188	2425262	20.000	ng	0.00
76) Chrysene-d12	21.592	240	2320046	20.000	ng	0.00
86) Perylene-d12	24.186	264	2517554	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.605	112	3363148	127.967	ng	0.00
7) Phenol-d6	7.228	99	4217458	117.076	ng	0.00
23) Nitrobenzene-d5	9.287	82	2795325	87.275	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	1776246	110.548	ng	0.00
45) 2-Fluorobiphenyl	13.363	172	6115251	80.272	ng	0.00
79) Terphenyl-d14	20.039	244	9711574	88.425	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.470	88	349859	34.132	ng	# 50
3) Pyridine	3.887	79	927268	30.264	ng	99
4) n-Nitrosodimethylamine	3.805	42	463297	40.105	ng	97
6) Aniline	7.422	93	988875	22.225	ng	100
8) 2-Chlorophenol	7.646	128	1188816	43.142	ng	97
9) Benzaldehyde	7.240	77	387777	19.063	ng	97
10) Phenol	7.258	94	1432929	40.961	ng	99
11) bis(2-Chloroethyl)ether	7.522	93	1160166	40.798	ng	99
12) 1,3-Dichlorobenzene	7.969	146	1160634	39.235	ng	97
13) 1,4-Dichlorobenzene	8.128	146	1186053	39.525	ng	99
14) 1,2-Dichlorobenzene	8.440	146	1154224	39.950	ng	98
15) Benzyl Alcohol	8.340	79	1115624	45.331	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.622	45	1326265	41.125	ng	99
17) 2-Methylphenol	8.522	107	1018724	40.407	ng	99
18) Hexachloroethane	9.169	117	428663	40.049	ng	93
19) n-Nitroso-di-n-propyla...	8.911	70	917810	40.669	ng	97
20) 3+4-Methylphenols	8.858	107	1403862	41.000	ng	98
22) Acetophenone	8.940	105	1819165	40.186	ng	100
24) Nitrobenzene	9.334	77	1322355	40.197	ng	98
25) Isophorone	9.846	82	2616708	40.466	ng	99
26) 2-Nitrophenol	10.034	139	556194	39.799	ng	94
27) 2,4-Dimethylphenol	10.069	122	1184336	40.939	ng	99
28) bis(2-Chloroethoxy)met...	10.334	93	1608501	40.609	ng	99
29) 2,4-Dichlorophenol	10.557	162	1155148	42.667	ng	99
30) 1,2,4-Trichlorobenzene	10.769	180	1118047	38.127	ng	99
31) Naphthalene	10.975	128	3761174	40.105	ng	99
32) Benzoic acid	10.193	122	695745	38.142	ng	98
33) 4-Chloroaniline	11.099	127	508103	12.011	ng	98
34) Hexachlorobutadiene	11.210	225	611749	35.236	ng	99
35) Caprolactam	11.916	113	392154m	39.640	ng	
36) 4-Chloro-3-methylphenol	12.187	107	1312505	43.613	ng	97
37) 2-Methylnaphthalene	12.575	142	2588726	37.997	ng	99
38) 1-Methylnaphthalene	12.787	142	2441477	38.224	ng	100
40) 1,2,4,5-Tetrachloroben...	12.916	216	1248124	37.605	ng	98
41) Hexachlorocyclopentadiene	12.875	237	1404224	84.239	ng	98
43) 2,4,6-Trichlorophenol	13.163	196	909599	42.712	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.228	196	1018504	39.420	ng	#	95
46) 1,1'-Biphenyl	13.575	154	3323438	39.919	ng		99
47) 2-Chloronaphthalene	13.622	162	2568480	40.892	ng		98
48) 2-Nitroaniline	13.840	65	821341	46.390	ng		98
49) Acenaphthylene	14.463	152	4172772	40.040	ng		100
50) Dimethylphthalate	14.198	163	3471116	40.784	ng		100
51) 2,6-Dinitrotoluene	14.328	165	748020	42.901	ng		89
52) Acenaphthene	14.798	154	2530595	40.834	ng		100
53) 3-Nitroaniline	14.663	138	687179	34.860	ng		93
54) 2,4-Dinitrophenol	14.863	184	709832	86.320	ng		97
55) Dibenzofuran	15.134	168	4041865	39.767	ng		98
56) 4-Nitrophenol	14.945	139	1441983	93.449	ng		98
57) 2,4-Dinitrotoluene	15.110	165	1037250	45.647	ng		96
58) Fluorene	15.787	166	3240603	40.583	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.345	232	872105	41.032	ng		93
60) Diethylphthalate	15.551	149	3448828	40.775	ng		99
61) 4-Chlorophenyl-phenyle...	15.775	204	1567461	38.900	ng		97
62) 4-Nitroaniline	15.834	138	815037	41.663	ng		99
63) Azobenzene	16.069	77	3325412	41.639	ng		95
65) 4,6-Dinitro-2-methylph...	15.857	198	466406	41.981	ng		92
66) n-Nitrosodiphenylamine	15.998	169	2885141	40.366	ng		99
67) 4-Bromophenyl-phenylether	16.681	248	995253	38.755	ng		96
68) Hexachlorobenzene	16.757	284	1121163	39.149	ng		93
69) Atrazine	16.951	200	1045574	49.189	ng		98
70) Pentachlorophenol	17.122	266	1487059	75.035	ng		94
71) Phenanthrene	17.539	178	5325541	41.354	ng		100
72) Anthracene	17.634	178	5279478	40.770	ng		100
73) Carbazole	17.910	167	5246837	43.217	ng		99
74) Di-n-butylphthalate	18.428	149	6099485	43.426	ng		99
75) Fluoranthene	19.498	202	6263573	41.497	ng		99
77) Benzidine	19.686	184	447121	11.116	ng		100
78) Pyrene	19.851	202	6512425	41.874	ng		99
80) Butylbenzylphthalate	20.716	149	2792224	45.700	ng		99
81) Benzo(a)anthracene	21.575	228	6414272	41.206	ng		100
82) 3,3'-Dichlorobenzidine	21.504	252	1894711	37.079	ng	#	98
83) Chrysene	21.628	228	5935005	39.927	ng		100
84) Bis(2-ethylhexyl)phtha...	21.463	149	4215233	45.952	ng		100
85) Di-n-octyl phthalate	22.457	149	7212554	46.751	ng		99
87) Indeno(1,2,3-cd)pyrene	26.963	276	7417171	43.700	ng		97
88) Benzo(b)fluoranthene	23.380	252	6716460	46.024	ng		99
89) Benzo(k)fluoranthene	23.433	252	6761827	45.560	ng		98
90) Benzo(a)pyrene	24.069	252	5793763	40.988	ng		99
91) Dibenzo(a,h)anthracene	26.998	278	6192020	43.746	ng		97
92) Benzo(g,h,i)perylene	27.833	276	5884189	43.138	ng		98

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

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