Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060624\
Data File : BP020550.D
Acq On : 06 Jun 2024 21:15
Operator : MA/JU
Sample : P2686-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 07 01:34:06 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

Instrument :
BNA_P
ClientSampleId :
WCS-TPQMSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay
06/07/2024
Supervised By :mohammad ahmed
06/08/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.763	152	307749	20.000	ng		0.00
21) Naphthalene-d8	10.534	136	1012281	20.000	ng		0.00
39) Acenaphthene-d10	14.392	164	553794	20.000	ng		0.00
64) Phenanthrene-d10	17.198	188	1243347	20.000	ng		0.00
76) Chrysene-d12	21.663	240	1281293	20.000	ng		0.00
86) Perylene-d12	25.027	264	1526529	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	1933769	112.505	ng		0.00
7) Phenol-d6	6.934	99	2274616	93.838	ng		0.00
23) Nitrobenzene-d5	8.904	82	1346653	72.822	ng		-0.02
42) 2,4,6-Tribromophenol	15.910	330	827436	143.969	ng		0.00
45) 2-Fluorobiphenyl	13.004	172	2516878	67.750	ng		0.00
79) Terphenyl-d14	19.945	244	4544561	59.045	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	260604	37.523	ng		94
3) Pyridine	3.711	79	666390	34.127	ng		94
4) n-Nitrosodimethylamine	3.628	42	358374	37.785	ng		91
6) Aniline	7.099	93	384114	15.639	ng		98
8) 2-Chlorophenol	7.328	128	772318	40.083	ng		98
9) Benzaldehyde	6.916	77	104372m	6.713	ng		
10) Phenol	6.963	94	922810	37.166	ng		99
11) bis(2-Chloroethyl)ether	7.193	93	768865	37.548	ng		96
12) 1,3-Dichlorobenzene	7.652	146	900693	39.675	ng		98
13) 1,4-Dichlorobenzene	7.799	146	916512	39.722	ng		99
14) 1,2-Dichlorobenzene	8.110	146	864190	38.809	ng		99
15) Benzyl Alcohol	7.999	79	631617	35.276	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.275	45	1015007	33.202	ng		97
17) 2-Methylphenol	8.193	107	585073	34.724	ng		99
18) Hexachloroethane	8.828	117	317183	37.647	ng		94
19) n-Nitroso-di-n-propyla...	8.557	70	523642	31.644	ng		95
20) 3+4-Methylphenols	8.516	107	760618	33.189	ng		98
22) Acetophenone	8.575	105	1073277	42.714	ng	#	97
24) Nitrobenzene	8.951	77	764930	40.758	ng		98
25) Isophorone	9.475	82	1340972	37.322	ng		98
26) 2-Nitrophenol	9.651	139	367070	49.329	ng		97
27) 2,4-Dimethylphenol	9.716	122	458794	42.267	ng		99
28) bis(2-Chloroethoxy)met...	9.945	93	848131	38.405	ng		99
29) 2,4-Dichlorophenol	10.181	162	605632	41.588	ng		98
30) 1,2,4-Trichlorobenzene	10.398	180	732426	42.366	ng		96
31) Naphthalene	10.581	128	2074244	40.083	ng		100
32) Benzoic acid	9.851	122	429615	42.565	ng		99
33) 4-Chloroaniline	10.693	127	214804	10.730	ng		99
34) Hexachlorobutadiene	10.863	225	474474	43.569	ng		99
35) Caprolactam	11.487	113	181758	34.058	ng		87
36) 4-Chloro-3-methylphenol	11.822	107	612481	35.922	ng		100
37) 2-Methylnaphthalene	12.198	142	1341242	36.170	ng		98
38) 1-Methylnaphthalene	12.416	142	1234991	33.597	ng		99
40) 1,2,4,5-Tetrachloroben...	12.563	216	758758	47.354	ng		99
41) Hexachlorocyclopentadiene	12.545	237	360928	64.094	ng		99
43) 2,4,6-Trichlorophenol	12.804	196	471747	48.707	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.887	196	509240	45.574	ng		96
46) 1,1'-Biphenyl	13.222	154	1692257	43.299	ng		98
47) 2-Chloronaphthalene	13.257	162	1309874	42.159	ng		99
48) 2-Nitroaniline	13.463	65	382741	45.462	ng		96
49) Acenaphthylene	14.110	152	2070665	44.914	ng		99
50) Dimethylphthalate	13.851	163	1527823	39.138	ng		99
51) 2,6-Dinitrotoluene	13.969	165	338081	40.518	ng		95
52) Acenaphthene	14.457	154	1173894	40.366	ng		98
53) 3-Nitroaniline	14.298	138	248073	29.640	ng		96
54) 2,4-Dinitrophenol	14.504	184	180880	54.838	ng		96
55) Dibenzofuran	14.804	168	1949798	42.325	ng		98
56) 4-Nitrophenol	14.610	139	680173	105.059	ng		93
57) 2,4-Dinitrotoluene	14.769	165	494274	45.076	ng		94
58) Fluorene	15.463	166	1557776	42.122	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.028	232	463108	50.645	ng		98
60) Diethylphthalate	15.239	149	1525048	38.432	ng		99
61) 4-Chlorophenyl-phenyle...	15.463	204	782452	41.000	ng		98
62) 4-Nitroaniline	15.486	138	353322	40.982	ng		98
63) Azobenzene	15.757	77	1456369	39.305	ng		96
65) 4,6-Dinitro-2-methylph...	15.539	198	144502	29.688	ng		94
66) n-Nitrosodiphenylamine	15.675	169	1351940	39.549	ng		100
67) 4-Bromophenyl-phenylether	16.375	248	520328	40.906	ng		96
68) Hexachlorobenzene	16.480	284	632835	42.272	ng		99
69) Atrazine	16.663	200	527939	43.899	ng		99
70) Pentachlorophenol	16.833	266	898404	98.810	ng		99
71) Phenanthrene	17.245	178	2631430	43.054	ng		99
72) Anthracene	17.339	178	2690997	44.869	ng		100
73) Carbazole	17.616	167	2560434	44.136	ng		99
74) Di-n-butylphthalate	18.216	149	2906005	41.365	ng		99
75) Fluoranthene	19.333	202	3437243	47.537	ng		99
77) Benzidine	19.539	184	1343111	31.788	ng		98
78) Pyrene	19.716	202	3544420	36.777	ng		100
80) Butylbenzylphthalate	20.674	149	1499873	39.118	ng		94
81) Benzo(a)anthracene	21.639	228	3644761	43.202	ng		100
82) 3,3'-Dichlorobenzidine	21.557	252	1180022	47.052	ng		98
83) Chrysene	21.710	228	3397822	42.742	ng		100
84) Bis(2-ethylhexyl)phtha...	21.586	149	2229811	40.653	ng		98
85) Di-n-octyl phthalate	22.880	149	3928812	49.281	ng		97
87) Indeno(1,2,3-cd)pyrene	28.856	276	4631519	49.894	ng	#	92
88) Benzo(b)fluoranthene	23.968	252	3722899	39.147	ng		99
89) Benzo(k)fluoranthene	24.039	252	3722820	40.137	ng		98
90) Benzo(a)pyrene	24.874	252	3567528	45.296	ng		99
91) Dibenzo(a,h)anthracene	28.945	278	3760074	48.563	ng		98
92) Benzo(g,h,i)perylene	30.044	276	3546332	45.824	ng		98

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

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