Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061424\
Data File : BP020632.D
Acq On : 14 Jun 2024 19:45
Operator : MA/JU
Sample : P2864-04MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-HMSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024

Quant Time: Jun 14 22:55:43 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	7.752	152	178051	20.000	ng		-0.02
21) Naphthalene-d8	10.522	136	715799	20.000	ng		-0.01
39) Acenaphthene-d10	14.381	164	480953	20.000	ng		-0.01
64) Phenanthrene-d10	17.186	188	1044023	20.000	ng		-0.02
76) Chrysene-d12	21.639	240	1007729	20.000	ng		-0.03
86) Perylene-d12	24.986	264	1172856	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	1364959	137.258	ng		0.00
7) Phenol-d6	6.934	99	1683755	120.061	ng		0.00
23) Nitrobenzene-d5	8.904	82	1159435	88.667	ng		-0.02
42) 2,4,6-Tribromophenol	15.892	330	931796	186.682	ng		-0.02
45) 2-Fluorobiphenyl	12.992	172	2870263	88.965	ng		-0.01
79) Terphenyl-d14	19.921	244	4863627	80.345	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	160571	39.961	ng	#	47
3) Pyridine	3.722	79	372717	32.991	ng		94
4) n-Nitrosodimethylamine	3.622	42	221711	40.404	ng		96
6) Aniline	7.099	93	218882	15.403	ng		98
8) 2-Chlorophenol	7.328	128	554394	49.732	ng		97
9) Benzaldehyde	6.910	77	43950m	4.886	ng		
10) Phenol	6.963	94	627065	43.652	ng		100
11) bis(2-Chloroethyl)ether	7.187	93	499625	42.173	ng		99
12) 1,3-Dichlorobenzene	7.640	146	585652	44.590	ng		98
13) 1,4-Dichlorobenzene	7.787	146	597643	44.770	ng		99
14) 1,2-Dichlorobenzene	8.099	146	576876	44.778	ng		98
15) Benzyl Alcohol	7.999	79	498785	48.149	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.263	45	691829	39.115	ng		97
17) 2-Methylphenol	8.193	107	456663	46.845	ng		97
18) Hexachloroethane	8.822	117	213709	43.843	ng		95
19) n-Nitroso-di-n-propyla...	8.557	70	409457	42.768	ng		95
20) 3+4-Methylphenols	8.516	107	630218	47.531	ng		98
22) Acetophenone	8.575	105	826603	46.523	ng	#	97
24) Nitrobenzene	8.946	77	592819	44.670	ng		97
25) Isophorone	9.463	82	1141613	44.934	ng		98
26) 2-Nitrophenol	9.646	139	297616	56.005	ng		95
27) 2,4-Dimethylphenol	9.704	122	401545	52.315	ng		98
28) bis(2-Chloroethoxy)met...	9.945	93	678800	43.469	ng		99
29) 2,4-Dichlorophenol	10.175	162	559172	54.302	ng		98
30) 1,2,4-Trichlorobenzene	10.381	180	581747	47.588	ng		97
31) Naphthalene	10.581	128	1710307	46.739	ng		99
32) Benzoic acid	9.857	122	348285	47.796	ng		96
33) 4-Chloroaniline	10.693	127	65068	4.597	ng		98
34) Hexachlorobutadiene	10.845	225	359361	46.666	ng		97
35) Caprolactam	11.487	113	173522	45.983	ng		96
36) 4-Chloro-3-methylphenol	11.810	107	617589	51.225	ng		98
37) 2-Methylnaphthalene	12.181	142	1230292	46.920	ng		100
38) 1-Methylnaphthalene	12.410	142	1170877	45.047	ng		99
40) 1,2,4,5-Tetrachloroben...	12.545	216	709572	50.991	ng		99
41) Hexachlorocyclopentadiene	12.522	237	669875	136.973	ng		99
43) 2,4,6-Trichlorophenol	12.798	196	474045	56.356	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.875	196	535040	55.135	ng	97
46) 1,1'-Biphenyl	13.198	154	1651109	48.644	ng	98
47) 2-Chloronaphthalene	13.245	162	1288390	47.748	ng	99
48) 2-Nitroaniline	13.457	65	388676	53.158	ng	97
49) Acenaphthylene	14.098	152	2155333	53.831	ng	99
50) Dimethylphthalate	13.845	163	1671146	49.294	ng	99
51) 2,6-Dinitrotoluene	13.963	165	372160	51.358	ng	91
52) Acenaphthene	14.439	154	1212494	48.008	ng	100
53) 3-Nitroaniline	14.298	138	106579	14.663	ng	98
54) 2,4-Dinitrophenol	14.504	184	417084	112.187	ng	93
55) Dibenzofuran	14.781	168	2000584	50.004	ng	99
56) 4-Nitrophenol	14.622	139	617014	109.737	ng	91
57) 2,4-Dinitrotoluene	14.745	165	533862	56.059	ng	94
58) Fluorene	15.445	166	1620546	50.456	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.016	232	476978	60.061	ng	96
60) Diethylphthalate	15.210	149	1674388	48.586	ng	99
61) 4-Chlorophenyl-phenyle...	15.439	204	839733	50.666	ng	98
62) 4-Nitroaniline	15.475	138	370048	49.422	ng	97
63) Azobenzene	15.739	77	1511128	46.959	ng	97
65) 4,6-Dinitro-2-methylph...	15.528	198	297804	61.734	ng	98
66) n-Nitrosodiphenylamine	15.657	169	1406975	49.017	ng	99
67) 4-Bromophenyl-phenylether	16.351	248	549005	51.400	ng	97
68) Hexachlorobenzene	16.469	284	646061	51.395	ng	97
69) Atrazine	16.633	200	466319	46.178	ng	100
70) Pentachlorophenol	16.828	266	857311	112.292	ng	99
71) Phenanthrene	17.233	178	2661333	51.856	ng	100
72) Anthracene	17.322	178	2667049	52.960	ng	100
73) Carbazole	17.604	167	2451454	50.325	ng	99
74) Di-n-butylphthalate	18.192	149	3001425	50.880	ng	99
75) Fluoranthene	19.321	202	3195484	52.631	ng	98
77) Benzidine	19.527	184	475159m	17.584	ng	
78) Pyrene	19.698	202	3346348	44.147	ng	100
80) Butylbenzylphthalate	20.651	149	1414740	46.429	ng	92
81) Benzo(a)anthracene	21.615	228	3341670	50.362	ng	100
82) 3,3'-Dichlorobenzidine	21.539	252	528635	26.801	ng	98
83) Chrysene	21.686	228	3157499	50.501	ng	99
84) Bis(2-ethylhexyl)phtha...	21.557	149	1987361	46.069	ng	98
85) Di-n-octyl phthalate	22.839	149	3602762	57.459	ng	96
87) Indeno(1,2,3-cd)pyrene	28.809	276	4142793m	58.087	ng	
88) Benzo(b)fluoranthene	23.927	252	3458212	47.329	ng	99
89) Benzo(k)fluoranthene	24.004	252	3302301	46.339	ng	99
90) Benzo(a)pyrene	24.827	252	3185763	52.646	ng	99
91) Dibenzo(a,h)anthracene	28.886	278	3364315	56.555	ng	98
92) Benzo(g,h,i)perylene	30.003	276	3190412	53.656	ng	95

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

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