Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082224\
Data File : BP021616.D
Acq On : 22 Aug 2024 16:31
Operator : RC/JU
Sample : P3689-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-1MS

Quant Time: Aug 22 17:18:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 11:12:31 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.799	152	419057	20.000	ng		0.00
21) Naphthalene-d8	10.587	136	1711968	20.000	ng		0.00
39) Acenaphthene-d10	14.446	164	1180401	20.000	ng		0.00
64) Phenanthrene-d10	17.245	188	2579480	20.000	ng		0.00
76) Chrysene-d12	21.716	240	2409774	20.000	ng		0.00
86) Perylene-d12	25.163	264	2833069	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.399	112	2635720	93.393	ng		0.00
7) Phenol-d6	6.969	99	3702187	89.926	ng		0.00
23) Nitrobenzene-d5	8.952	82	2108948	63.584	ng		0.00
42) 2,4,6-Tribromophenol	15.957	330	1346083	102.462	ng		0.00
45) 2-Fluorobiphenyl	13.057	172	3552378	45.929	ng		0.00
79) Terphenyl-d14	19.969	244	5577990	44.969	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.317	88	394313	29.467	ng		100
3) Pyridine	3.711	79	1070661	28.661	ng		95
4) n-Nitrosodimethylamine	3.617	42	387627	34.522	ng		88
6) Aniline	7.128	93	1395161	33.898	ng		97
8) 2-Chlorophenol	7.369	128	1090703	41.820	ng		94
9) Benzaldehyde	6.940	77	568027m	21.549	ng		
10) Phenol	6.993	94	1671239	39.202	ng		98
11) bis(2-Chloroethyl)ether	7.222	93	1220184	33.825	ng		95
12) 1,3-Dichlorobenzene	7.693	146	1086684	35.078	ng		97
13) 1,4-Dichlorobenzene	7.834	146	1108536	35.437	ng		98
14) 1,2-Dichlorobenzene	8.152	146	1074906	35.657	ng		99
15) Benzyl Alcohol	8.034	79	1149653	38.919	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.316	45	1150749	34.640	ng		97
17) 2-Methylphenol	8.240	107	1081906	40.143	ng		95
18) Hexachloroethane	8.881	117	455221	36.289	ng		98
19) n-Nitroso-di-n-propyla...	8.605	70	871692	30.652	ng		95
20) 3+4-Methylphenols	8.563	107	1510915	41.576	ng		99
22) Acetophenone	8.616	105	1827136	34.740	ng	#	98
24) Nitrobenzene	8.993	77	1337499	37.128	ng		92
25) Isophorone	9.522	82	2604425	33.238	ng		98
26) 2-Nitrophenol	9.699	139	541495	55.404	ng		94
27) 2,4-Dimethylphenol	9.763	122	959043	49.595	ng		98
28) bis(2-Chloroethoxy)met...	9.999	93	1631131	34.102	ng		99
29) 2,4-Dichlorophenol	10.240	162	1035927	45.340	ng		98
30) 1,2,4-Trichlorobenzene	10.452	180	1024607	34.978	ng		97
31) Naphthalene	10.640	128	3258966	36.440	ng		100
32) Benzoic acid	9.905	122	826163	59.410	ng		95
33) 4-Chloroaniline	10.740	127	838252	24.952	ng		97
34) Hexachlorobutadiene	10.928	225	634493	34.402	ng		97
35) Caprolactam	11.528	113	413331	43.462	ng		89
36) 4-Chloro-3-methylphenol	11.869	107	1368824	43.189	ng		97
37) 2-Methylnaphthalene	12.252	142	2285782	37.448	ng		99
38) 1-Methylnaphthalene	12.475	142	2136647	35.493	ng		99
40) 1,2,4,5-Tetrachloroben...	12.628	216	1205389	34.852	ng		99
41) Hexachlorocyclopentadiene	12.610	237	1236829	112.833	ng		99
43) 2,4,6-Trichlorophenol	12.863	196	865435	45.047	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.934	196	955378	44.758	ng		97
46) 1,1'-Biphenyl	13.269	154	2985257	35.745	ng		98
47) 2-Chloronaphthalene	13.310	162	2292644	35.261	ng		98
48) 2-Nitroaniline	13.510	65	801376	44.408	ng	#	84
49) Acenaphthylene	14.163	152	3788868	39.640	ng		100
50) Dimethylphthalate	13.899	163	2982212	37.726	ng		100
51) 2,6-Dinitrotoluene	14.010	165	656965	41.759	ng		91
52) Acenaphthene	14.516	154	2670708m	42.585	ng		
53) 3-Nitroaniline	14.340	138	516563	34.192	ng	#	90
54) 2,4-Dinitrophenol	14.551	184	646725	101.629	ng		89
55) Dibenzofuran	14.851	168	3597355	37.288	ng		98
56) 4-Nitrophenol	14.663	139	1297368	97.753	ng		87
57) 2,4-Dinitrotoluene	14.810	165	943742	46.681	ng		86
58) Fluorene	15.510	166	2830163	35.709	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.081	232	861020	47.524	ng		98
60) Diethylphthalate	15.287	149	3060214	37.730	ng		100
61) 4-Chlorophenyl-phenyle...	15.510	204	1428862	34.877	ng		99
62) 4-Nitroaniline	15.522	138	695236	43.437	ng		95
63) Azobenzene	15.804	77	3354923	33.649	ng		96
65) 4,6-Dinitro-2-methylph...	15.587	198	445164	54.791	ng		95
66) n-Nitrosodiphenylamine	15.722	169	2561411	37.054	ng		100
67) 4-Bromophenyl-phenylether	16.416	248	970620	35.554	ng		99
68) Hexachlorobenzene	16.540	284	1145400	35.503	ng		99
69) Atrazine	16.698	200	981092	41.338	ng		100
70) Pentachlorophenol	16.887	266	1562398	88.728	ng		99
71) Phenanthrene	17.287	178	4745339	38.253	ng		100
72) Anthracene	17.381	178	4848803	39.855	ng		100
73) Carbazole	17.657	167	4532511	38.658	ng		99
74) Di-n-butylphthalate	18.257	149	5605002	38.925	ng		99
75) Fluoranthene	19.369	202	5792839	38.058	ng		99
77) Benzidine	19.563	184	3645829	72.568	ng		100
78) Pyrene	19.745	202	6117748	38.841	ng		100
80) Butylbenzylphthalate	20.704	149	2575344	43.450	ng		91
81) Benzo(a)anthracene	21.698	228	5794433	38.304	ng		99
82) 3,3'-Dichlorobenzidine	21.610	252	1926248	39.714	ng		99
83) Chrysene	21.763	228	5406800	37.856	ng		100
84) Bis(2-ethylhexyl)phtha...	21.645	149	3856053	43.128	ng		100
85) Di-n-octyl phthalate	22.963	149	6628654	42.789	ng		97
87) Indeno(1,2,3-cd)pyrene	29.080	276	7053828	38.410	ng	#	94
88) Benzo(b)fluoranthene	24.074	252	5840630	35.896	ng		100
89) Benzo(k)fluoranthene	24.145	252	5769568	36.350	ng		100
90) Benzo(a)pyrene	25.004	252	5591915	39.603	ng		100
91) Dibenzo(a,h)anthracene	29.162	278	5686631	37.268	ng		99
92) Benzo(g,h,i)perylene	30.268	276	5351604	34.992	ng		98

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

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