Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082224\
Data File : BP021617.D
Acq On : 22 Aug 2024 17:14
Operator : RC/JU
Sample : P3689-02MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-1MSD

Quant Time: Aug 22 17:41:42 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	7.805	152	364612	20.000	ng		0.00
21) Naphthalene-d8	10.587	136	1499801	20.000	ng		0.00
39) Acenaphthene-d10	14.457	164	1003444	20.000	ng		0.01
64) Phenanthrene-d10	17.263	188	2173460	20.000	ng		0.01
76) Chrysene-d12	21.716	240	2118408	20.000	ng		0.00
86) Perylene-d12	25.145	264	2549805	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.399	112	2577462	104.966	ng		0.00
7) Phenol-d6	6.969	99	3624095	101.174	ng		0.00
23) Nitrobenzene-d5	8.946	82	2043309	70.320	ng		0.00
42) 2,4,6-Tribromophenol	15.969	330	1275770	114.235	ng		0.01
45) 2-Fluorobiphenyl	13.063	172	3356140	51.044	ng		0.01
79) Terphenyl-d14	19.986	244	5213806	47.814	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.317	88	383638	32.950	ng		98
3) Pyridine	3.711	79	1043268	32.098	ng		94
4) n-Nitrosodimethylamine	3.617	42	374801	38.364	ng		90
6) Aniline	7.128	93	1342183	37.480	ng		97
8) 2-Chlorophenol	7.369	128	1066996	47.021	ng		94
9) Benzaldehyde	6.940	77	556267m	24.254	ng		
10) Phenol	6.999	94	1637461	44.145	ng		96
11) bis(2-Chloroethyl)ether	7.222	93	1166310	37.159	ng		96
12) 1,3-Dichlorobenzene	7.693	146	1049988	38.954	ng		97
13) 1,4-Dichlorobenzene	7.840	146	1075614	39.519	ng		97
14) 1,2-Dichlorobenzene	8.152	146	1034070	39.425	ng		99
15) Benzyl Alcohol	8.034	79	1111206	43.235	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.322	45	1106062	38.266	ng		96
17) 2-Methylphenol	8.240	107	1049192	44.742	ng		97
18) Hexachloroethane	8.887	117	434162	39.779	ng		99
19) n-Nitroso-di-n-propyla...	8.605	70	840792	33.980	ng		96
20) 3+4-Methylphenols	8.563	107	1467750	46.419	ng		98
22) Acetophenone	8.616	105	1770935	38.435	ng	#	98
24) Nitrobenzene	8.987	77	1293774	40.995	ng		95
25) Isophorone	9.522	82	2510231	36.568	ng		97
26) 2-Nitrophenol	9.699	139	527043	59.172	ng		95
27) 2,4-Dimethylphenol	9.763	122	921784	54.411	ng		98
28) bis(2-Chloroethoxy)met...	9.999	93	1570138	37.471	ng		99
29) 2,4-Dichlorophenol	10.234	162	1014586	50.688	ng		98
30) 1,2,4-Trichlorobenzene	10.452	180	990965	38.616	ng		97
31) Naphthalene	10.640	128	3181835	40.611	ng		100
32) Benzoic acid	9.905	122	794683	63.284	ng		91
33) 4-Chloroaniline	10.740	127	814669	27.681	ng		97
34) Hexachlorobutadiene	10.928	225	611185	37.826	ng		98
35) Caprolactam	11.516	113	398520	47.833	ng		93
36) 4-Chloro-3-methylphenol	11.869	107	1314229	47.332	ng		97
37) 2-Methylnaphthalene	12.257	142	2207725	41.286	ng		100
38) 1-Methylnaphthalene	12.475	142	2061717	39.093	ng		100
40) 1,2,4,5-Tetrachloroben...	12.628	216	1175564	39.984	ng		99
41) Hexachlorocyclopentadiene	12.610	237	1160377	124.527	ng		99
43) 2,4,6-Trichlorophenol	12.863	196	830047	50.824	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.934	196	909399	50.117	ng		96
46) 1,1'-Biphenyl	13.269	154	2853589	40.194	ng		98
47) 2-Chloronaphthalene	13.316	162	2217687	40.123	ng		99
48) 2-Nitroaniline	13.504	65	769041	49.468	ng	#	86
49) Acenaphthylene	14.169	152	3613244	44.470	ng		99
50) Dimethylphthalate	13.904	163	2809244	41.805	ng		99
51) 2,6-Dinitrotoluene	14.016	165	624190	46.203	ng		94
52) Acenaphthene	14.516	154	2547071m	47.776	ng		
53) 3-Nitroaniline	14.351	138	501464	38.483	ng	#	89
54) 2,4-Dinitrophenol	14.557	184	619859	109.547	ng	#	88
55) Dibenzofuran	14.857	168	3419343	41.693	ng		99
56) 4-Nitrophenol	14.669	139	1227925	108.261	ng		89
57) 2,4-Dinitrotoluene	14.822	165	880850	50.761	ng	#	83
58) Fluorene	15.522	166	2712320	40.257	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.093	232	805859	52.323	ng		97
60) Diethylphthalate	15.293	149	2848961	41.319	ng		100
61) 4-Chlorophenyl-phenyle...	15.516	204	1341569	38.521	ng		98
62) 4-Nitroaniline	15.534	138	648616	47.385	ng		97
63) Azobenzene	15.822	77	3147181	37.132	ng		96
65) 4,6-Dinitro-2-methylph...	15.598	198	425875	59.783	ng		92
66) n-Nitrosodiphenylamine	15.734	169	2437233	41.844	ng		100
67) 4-Bromophenyl-phenylether	16.440	248	911996	39.647	ng		99
68) Hexachlorobenzene	16.557	284	1080240	39.738	ng		98
69) Atrazine	16.722	200	916490	45.830	ng		99
70) Pentachlorophenol	16.904	266	1477962	99.612	ng		99
71) Phenanthrene	17.304	178	4485609	42.914	ng		100
72) Anthracene	17.398	178	4612571	44.996	ng		100
73) Carbazole	17.675	167	4247243	42.992	ng		99
74) Di-n-butylphthalate	18.275	149	5118439	42.187	ng		100
75) Fluoranthene	19.392	202	5461102	42.581	ng		99
77) Benzidine	19.586	184	3659555	91.170	ng		100
78) Pyrene	19.763	202	5695014	41.130	ng		100
80) Butylbenzylphthalate	20.716	149	2399789	45.841	ng		91
81) Benzo(a)anthracene	21.698	228	5551087	41.742	ng		100
82) 3,3'-Dichlorobenzidine	21.616	252	1885033	44.210	ng		99
83) Chrysene	21.769	228	5279683	42.050	ng		100
84) Bis(2-ethylhexyl)phtha...	21.651	149	3495203	44.469	ng		99
85) Di-n-octyl phthalate	22.969	149	6103776	44.590	ng		97
87) Indeno(1,2,3-cd)pyrene	29.057	276	7000775m	42.357	ng		
88) Benzo(b)fluoranthene	24.074	252	5681405	38.797	ng		99
89) Benzo(k)fluoranthene	24.145	252	5685499	39.799	ng		100
90) Benzo(a)pyrene	24.992	252	5551628	43.685	ng		98
91) Dibenzo(a,h)anthracene	29.157	278	5664144	41.245	ng		99
92) Benzo(g,h,i)perylene	30.268	276	5370976	39.021	ng		99

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

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