Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090924\
Data File : BP021867.D
Acq On : 09 Sep 2024 19:27
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP090924

Quant Time: Sep 10 00:12:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP090924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 00:09:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.763	152	172915	20.000	ng		0.00
21) Naphthalene-d8	10.534	136	718472	20.000	ng		0.00
39) Acenaphthene-d10	14.381	164	490944	20.000	ng		0.00
64) Phenanthrene-d10	17.181	188	1094324	20.000	ng		0.01
76) Chrysene-d12	21.604	240	1066765	20.000	ng		-0.01
86) Perylene-d12	24.939	264	1228299	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	1299041	102.313	ng		0.00
7) Phenol-d6	6.940	99	1606301	92.791	ng		0.00
23) Nitrobenzene-d5	8.905	82	1248262	91.594	ng		0.00
42) 2,4,6-Tribromophenol	15.898	330	495029	85.703	ng		0.01
45) 2-Fluorobiphenyl	12.993	172	2485063	82.493	ng		0.00
79) Terphenyl-d14	19.898	244	4375411	84.179	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	280198	42.820	ng		99
3) Pyridine	3.699	79	635982	37.355	ng		97
4) n-Nitrosodimethylamine	3.599	42	240130	40.087	ng		91
6) Aniline	7.093	93	622386	40.849	ng		98
8) 2-Chlorophenol	7.334	128	455166	38.342	ng		94
9) Benzaldehyde	6.911	77	445554	45.976	ng		96
10) Phenol	6.963	94	789943	45.510	ng		98
11) bis(2-Chloroethyl)ether	7.187	93	513464	37.966	ng		100
12) 1,3-Dichlorobenzene	7.652	146	501330	38.682	ng		98
13) 1,4-Dichlorobenzene	7.799	146	512679	39.526	ng		99
14) 1,2-Dichlorobenzene	8.110	146	486539	39.151	ng		99
15) Benzyl Alcohol	7.999	79	459991	40.550	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.281	45	463961	39.437	ng		99
17) 2-Methylphenol	8.199	107	441992	40.749	ng		99
18) Hexachloroethane	8.834	117	215559	41.028	ng		93
19) n-Nitroso-di-n-propyla...	8.557	70	374389	39.674	ng		99
20) 3+4-Methylphenols	8.522	107	627220	41.861	ng		99
22) Acetophenone	8.575	105	858026	43.035	ng	#	100
24) Nitrobenzene	8.946	77	625261	45.243	ng		98
25) Isophorone	9.475	82	1095639	40.991	ng		99
26) 2-Nitrophenol	9.652	139	241431	45.451	ng		97
27) 2,4-Dimethylphenol	9.716	122	323326	42.346	ng		98
28) bis(2-Chloroethoxy)met...	9.946	93	694868	40.363	ng		98
29) 2,4-Dichlorophenol	10.181	162	432058	43.436	ng		97
30) 1,2,4-Trichlorobenzene	10.399	180	473223	41.130	ng		100
31) Naphthalene	10.587	128	1515132	40.086	ng		99
32) Benzoic acid	9.857	122	386423	40.789	ng		98
33) 4-Chloroaniline	10.693	127	581388	41.655	ng		99
34) Hexachlorobutadiene	10.869	225	302902	40.503	ng		98
35) Caprolactam	11.475	113	184122	42.832	ng		96
36) 4-Chloro-3-methylphenol	11.816	107	631264	43.014	ng		99
37) 2-Methylnaphthalene	12.193	142	1022879	41.513	ng		99
38) 1-Methylnaphthalene	12.404	142	1025124	41.792	ng		100
40) 1,2,4,5-Tetrachloroben...	12.563	216	533700	41.399	ng		99
41) Hexachlorocyclopentadiene	12.546	237	184902	44.034	ng		94
43) 2,4,6-Trichlorophenol	12.798	196	363934	43.848	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.875	196	414350	43.820	ng	98
46) 1,1'-Biphenyl	13.204	154	1365434	41.233	ng	99
47) 2-Chloronaphthalene	13.245	162	1057381	40.763	ng	99
48) 2-Nitroaniline	13.451	65	381609	43.732	ng	96
49) Acenaphthylene	14.104	152	1613923	40.961	ng	99
50) Dimethylphthalate	13.840	163	1393725	40.687	ng	99
51) 2,6-Dinitrotoluene	13.945	165	325206	43.013	ng	91
52) Acenaphthene	14.451	154	1033485	40.443	ng	100
53) 3-Nitroaniline	14.275	138	332719	44.029	ng	95
54) 2,4-Dinitrophenol	14.492	184	169161	43.811	ng	98
55) Dibenzofuran	14.792	168	1646191	40.550	ng	98
56) 4-Nitrophenol	14.598	139	301089	45.141	ng	98
57) 2,4-Dinitrotoluene	14.751	165	459870	44.121	ng	93
58) Fluorene	15.445	166	1360614	40.625	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.016	232	357184	41.810	ng	98
60) Diethylphthalate	15.216	149	1507484	42.126	ng	99
61) 4-Chlorophenyl-phenyle...	15.439	204	656024	39.983	ng	98
62) 4-Nitroaniline	15.463	138	364372	43.747	ng	98
63) Azobenzene	15.734	77	1511664	39.681	ng	99
65) 4,6-Dinitro-2-methylph...	15.528	198	233024	43.422	ng	95
66) n-Nitrosodiphenylamine	15.651	169	1168915	40.711	ng	99
67) 4-Bromophenyl-phenylether	16.345	248	422955	40.916	ng	96
68) Hexachlorobenzene	16.469	284	493727	39.673	ng	99
69) Atrazine	16.634	200	372054	41.087	ng	99
70) Pentachlorophenol	16.828	266	349676	43.828	ng	97
71) Phenanthrene	17.228	178	2177520	40.292	ng	99
72) Anthracene	17.322	178	2131977	41.107	ng	100
73) Carbazole	17.592	167	2190803	41.076	ng	99
74) Di-n-butylphthalate	18.186	149	2633431	43.280	ng	100
75) Fluoranthene	19.298	202	2735768	40.153	ng	99
77) Benzidine	19.498	184	640635	33.899	ng	99
78) Pyrene	19.669	202	2921308	42.439	ng	99
80) Butylbenzylphthalate	20.622	149	1214604	43.614	ng	96
81) Benzo(a)anthracene	21.586	228	2746619	40.618	ng	100
82) 3,3'-Dichlorobenzidine	21.498	252	935574	42.631	ng	98
83) Chrysene	21.657	228	2630059	40.599	ng	99
84) Bis(2-ethylhexyl)phtha...	21.522	149	1725955	42.805	ng	99
85) Di-n-octyl phthalate	22.792	149	2920773	44.462	ng	100
87) Indeno(1,2,3-cd)pyrene	28.727	276	4089562	52.807	ng	98
88) Benzo(b)fluoranthene	23.886	252	2877445	40.414	ng	99
89) Benzo(k)fluoranthene	23.951	252	2785590	41.013	ng	100
90) Benzo(a)pyrene	24.780	252	2555117	41.757	ng	99
91) Dibenzo(a,h)anthracene	28.815	278	3343463	52.581	ng	99
92) Benzo(g,h,i)perylene	29.892	276	3535188	53.033	ng	96

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

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