Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072723\
Data File : BP016398.D
Acq On : 27 Jul 2023 13:55
Operator : MA/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Quant Time: Jul 27 17:36:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 27 17:32:49 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.093	152	493294	20.000	ng		0.00
21) Naphthalene-d8	10.928	136	1965031	20.000	ng		0.00
39) Acenaphthene-d10	14.740	164	1229399	20.000	ng		0.00
64) Phenanthrene-d10	17.498	188	2737145	20.000	ng		0.00
76) Chrysene-d12	21.592	240	2673393	20.000	ng		0.00
86) Perylene-d12	24.192	264	3090129	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.605	112	2825573	93.447	ng		0.00
7) Phenol-d6	7.228	99	3906737	94.262	ng		0.00
23) Nitrobenzene-d5	9.293	82	3394522	96.701	ng		0.00
42) 2,4,6-Tribromophenol	16.228	330	1887243	104.347	ng		0.00
45) 2-Fluorobiphenyl	13.363	172	8095263	94.403	ng		0.00
79) Terphenyl-d14	20.045	244	11875777	93.838	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.458	88	531736	45.089	ng		99
3) Pyridine	3.876	79	1635899	47.146	ng		98
4) n-Nitrosodimethylamine	3.805	42	603983	45.443	ng		100
6) Aniline	7.428	93	2422149	47.315	ng		99
8) 2-Chlorophenol	7.646	128	1500888	47.341	ng		98
9) Benzaldehyde	7.246	77	859274	46.620	ng		99
10) Phenol	7.258	94	1882753	46.778	ng		99
11) bis(2-Chloroethyl)ether	7.522	93	1518260	46.405	ng		99
12) 1,3-Dichlorobenzene	7.975	146	1596225	46.900	ng		98
13) 1,4-Dichlorobenzene	8.128	146	1621833	46.977	ng		99
14) 1,2-Dichlorobenzene	8.446	146	1562572	47.008	ng		99
15) Benzyl Alcohol	8.346	79	1352316	47.760	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.628	45	1685225	45.419	ng		99
17) 2-Methylphenol	8.522	107	1374131	47.373	ng		99
18) Hexachloroethane	9.169	117	569156	46.218	ng		100
19) n-Nitroso-di-n-propyla...	8.916	70	1196014	46.064	ng		99
20) 3+4-Methylphenols	8.863	107	1889963	47.975	ng		99
22) Acetophenone	8.940	105	2347229	47.310	ng	#	100
24) Nitrobenzene	9.334	77	1723310	47.797	ng		100
25) Isophorone	9.852	82	3394667	47.899	ng		100
26) 2-Nitrophenol	10.040	139	760854	48.899	ng		100
27) 2,4-Dimethylphenol	10.075	122	1535739	48.437	ng		98
28) bis(2-Chloroethoxy)met...	10.340	93	2059520	47.442	ng		99
29) 2,4-Dichlorophenol	10.557	162	1507119	50.792	ng		100
30) 1,2,4-Trichlorobenzene	10.775	180	1580646	49.181	ng		99
31) Naphthalene	10.981	128	4905789	47.729	ng		99
32) Benzoic acid	10.210	122	994520	47.834	ng		98
33) 4-Chloroaniline	11.105	127	2250628	48.542	ng		99
34) Hexachlorobutadiene	11.216	225	965948	50.765	ng		99
35) Caprolactam	11.922	113	539409	49.739	ng		97
36) 4-Chloro-3-methylphenol	12.193	107	1623509	49.222	ng		98
37) 2-Methylnaphthalene	12.575	142	3610214	48.349	ng		99
38) 1-Methylnaphthalene	12.793	142	3394235	48.486	ng		99
40) 1,2,4,5-Tetrachloroben...	12.922	216	1862530	49.853	ng		100
41) Hexachlorocyclopentadiene	12.875	237	1014831	54.084	ng		100
43) 2,4,6-Trichlorophenol	13.163	196	1242844	51.846	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.234	196	1503078	51.682	ng	99
46) 1,1'-Biphenyl	13.575	154	4454760	47.535	ng	100
47) 2-Chloronaphthalene	13.622	162	3366548	47.616	ng	99
48) 2-Nitroaniline	13.846	65	994662	49.909	ng	95
49) Acenaphthylene	14.469	152	5609755	47.820	ng	100
50) Dimethylphthalate	14.198	163	4595007	47.963	ng	99
51) 2,6-Dinitrotoluene	14.334	165	991092	50.498	ng	99
52) Acenaphthene	14.804	154	3325167	47.667	ng	99
53) 3-Nitroaniline	14.669	138	1113425	50.180	ng	99
54) 2,4-Dinitrophenol	14.863	184	398663	47.079	ng	96
55) Dibenzofuran	15.140	168	5443019	47.575	ng	99
56) 4-Nitrophenol	14.940	139	886073	51.014	ng	98
57) 2,4-Dinitrotoluene	15.110	165	1338402	52.326	ng	98
58) Fluorene	15.787	166	4243242	47.209	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.345	232	1249111	52.211	ng	99
60) Diethylphthalate	15.551	149	4518160	47.456	ng	100
61) 4-Chlorophenyl-phenyle...	15.781	204	2216722	48.873	ng	97
62) 4-Nitroaniline	15.840	138	1101259	50.011	ng	97
63) Azobenzene	16.075	77	4105439	45.668	ng	99
65) 4,6-Dinitro-2-methylph...	15.863	198	622396	48.489	ng	95
66) n-Nitrosodiphenylamine	15.998	169	3849376	47.720	ng	99
67) 4-Bromophenyl-phenylether	16.681	248	1473241	50.831	ng	99
68) Hexachlorobenzene	16.763	284	1651862	51.108	ng	97
69) Atrazine	16.951	200	1183531	49.335	ng	100
70) Pentachlorophenol	17.116	266	1173526	52.467	ng	99
71) Phenanthrene	17.545	178	6870489	47.272	ng	100
72) Anthracene	17.634	178	7024399	48.064	ng	100
73) Carbazole	17.910	167	6507527	47.494	ng	99
74) Di-n-butylphthalate	18.434	149	7748598	48.881	ng	100
75) Fluoranthene	19.498	202	8363408	49.095	ng	99
77) Benzidine	19.692	184	2108796	45.497	ng	99
78) Pyrene	19.857	202	8625275	48.129	ng	100
80) Butylbenzylphthalate	20.722	149	3519337	49.987	ng	96
81) Benzo(a)anthracene	21.575	228	8666122	48.314	ng	100
82) 3,3'-Dichlorobenzidine	21.510	252	3016195	51.224	ng	99
83) Chrysene	21.633	228	8152586	47.597	ng	99
84) Bis(2-ethylhexyl)phtha...	21.469	149	5206934	49.260	ng	99
85) Di-n-octyl phthalate	22.469	149	8801233	49.508	ng	99
87) Indeno(1,2,3-cd)pyrene	26.974	276	10079555	48.382	ng	100
88) Benzo(b)fluoranthene	23.386	252	8963426	50.045	ng	100
89) Benzo(k)fluoranthene	23.445	252	8844298	48.549	ng	99
90) Benzo(a)pyrene	24.080	252	8581829	49.463	ng	100
91) Dibenzo(a,h)anthracene	27.010	278	8392067	48.303	ng	99
92) Benzo(g,h,i)perylene	27.845	276	7976748	47.644	ng	99

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

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