Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP043025\
Data File : BP024472.D
Acq On : 30 Apr 2025 14:05
Operator : RC/JU
Sample : Q1875-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AUD-25-0053

Quant Time: Apr 30 14:30:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	154960	20.000	ng	-0.01
21) Naphthalene-d8	10.481	136	574993	20.000	ng	#-0.02
39) Acenaphthene-d10	14.340	164	369803	20.000	ng	-0.01
64) Phenanthrene-d10	17.134	188	730756	20.000	ng	-0.01
76) Chrysene-d12	21.580	240	853041	20.000	ng	-0.01
86) Perylene-d12	24.915	264	869771	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1185587	126.505	ng	0.00
7) Phenol-d6	6.905	99	1314042	102.398	ng	0.00
23) Nitrobenzene-d5	8.857	82	999352	99.104	ng	-0.01
42) 2,4,6-Tribromophenol	15.857	330	858047	167.705	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	2130323	88.203	ng	-0.01
79) Terphenyl-d14	19.863	244	3854661	91.081	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	287	0.072	ng	# 1
3) Pyridine	3.670	79	135	0.013	ng	# 13
4) n-Nitrosodimethylamine	3.575	42	1947	0.560	ng	# 1
6) Aniline	7.063	93	300	0.026	ng	# 63
8) 2-Chlorophenol	7.287	128	38	0.004	ng	85
9) Benzaldehyde	6.869	77	2462	0.388	ng	80
10) Phenol	6.928	94	3961	0.308	ng	# 1
11) bis(2-Chloroethyl)ether	7.093	93	903	0.087	ng	# 58
12) 1,3-Dichlorobenzene	7.593	146	13	0.001	ng	# 1
13) 1,4-Dichlorobenzene	7.634	146	38	0.003	ng	92
14) 1,2-Dichlorobenzene	8.069	146	27	0.002	ng	# 1
15) Benzyl Alcohol	7.958	79	17331	2.088	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.281	45	530	0.047	ng	81
17) 2-Methylphenol	7.963	107	9698	1.165	ng	# 19
18) Hexachloroethane	8.781	117	73	0.018	ng	# 33
20) 3+4-Methylphenols	8.493	107	965	0.084	ng	# 1
22) Acetophenone	8.522	105	20600	1.448	ng	# 94
25) Isophorone	9.428	82	6931	0.380	ng	# 59
26) 2-Nitrophenol	9.622	139	255	0.052	ng	# 1
28) bis(2-Chloroethoxy)met...	9.910	93	188	0.015	ng	# 1
29) 2,4-Dichlorophenol	10.140	162	98	0.012	ng	# 1
30) 1,2,4-Trichlorobenzene	10.352	180	73	0.008	ng	# 29
31) Naphthalene	10.534	128	13466	0.445	ng	# 89
33) 4-Chloroaniline	10.534	127	2089	0.196	ng	# 20
34) Hexachlorobutadiene	10.816	225	17	0.003	ng	# 53
35) Caprolactam	11.422	113	1718	0.557	ng	# 1
36) 4-Chloro-3-methylphenol	11.840	107	2845	0.292	ng	# 24
37) 2-Methylnaphthalene	12.146	142	545	0.026	ng	# 41
38) 1-Methylnaphthalene	12.375	142	369	0.018	ng	# 75
40) 1,2,4,5-Tetrachloroben...	12.534	216	49	0.005	ng	# 26
41) Hexachlorocyclopentadiene	12.534	237	36	0.010	ng	84
43) 2,4,6-Trichlorophenol	12.846	196	25	0.004	ng	86
44) 2,4,5-Trichlorophenol	12.846	196	25	0.003	ng	# 1
46) 1,1'-Biphenyl	13.216	154	131	0.005	ng	# 1
47) 2-Chloronaphthalene	13.198	162	55	0.003	ng	# 1
48) 2-Nitroaniline	13.422	65	1029	0.181	ng	# 47

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) Acenaphthylene	14.075	152	114	0.004	ng	#	1
50) Dimethylphthalate	13.793	163	18007	0.670	ng		98
51) 2,6-Dinitrotoluene	13.887	165	879	0.154	ng	#	54
52) Acenaphthene	14.563	154	91	0.004	ng		87
53) 3-Nitroaniline	14.245	138	136	0.023	ng	#	1
54) 2,4-Dinitrophenol	14.457	184	37	0.011	ng	#	1
55) Dibenzofuran	14.740	168	446	0.013	ng	#	1
56) 4-Nitrophenol	14.569	139	69	0.013	ng	#	1
57) 2,4-Dinitrotoluene	14.651	165	360	0.046	ng	#	1
58) Fluorene	15.404	166	576	0.022	ng	#	64
59) 2,3,4,6-Tetrachlorophenol	14.987	232	181	0.026	ng	#	1
60) Diethylphthalate	15.175	149	8046	0.290	ng	#	95
61) 4-Chlorophenyl-phenyle...	15.404	204	156	0.013	ng	#	1
62) 4-Nitroaniline	15.398	138	273	0.043	ng		90
63) Azobenzene	15.716	77	17216	0.676	ng	#	1
65) 4,6-Dinitro-2-methylph...	15.504	198	43	0.009	ng	#	1
66) n-Nitrosodiphenylamine	15.851	169	22062	1.011	ng	#	50
67) 4-Bromophenyl-phenylether	16.304	248	181	0.023	ng	#	10
68) Hexachlorobenzene	16.457	284	2586	0.272	ng	#	53
69) Atrazine	16.575	200	95	0.017	ng		83
70) Pentachlorophenol	16.792	266	641	0.097	ng		92
71) Phenanthrene	17.175	178	2413	0.061	ng	#	83
72) Anthracene	17.263	178	524	0.014	ng	#	67
73) Carbazole	17.563	167	1050	0.028	ng	#	2
74) Di-n-butylphthalate	18.145	149	10999	0.235	ng	#	93
75) Fluoranthene	19.275	202	1373	0.029	ng	#	1
77) Benzidine	19.475	184	195	0.018	ng	#	1
78) Pyrene	19.645	202	2353	0.043	ng	#	92
80) Butylbenzylphthalate	20.592	149	2085	0.090	ng	#	70
81) Benzo(a)anthracene	21.586	228	3125	0.059	ng	#	80
82) 3,3'-Dichlorobenzidine	21.492	252	486	0.026	ng	#	74
83) Chrysene	21.627	228	1472	0.029	ng	#	85
84) Bis(2-ethylhexyl)phtha...	21.498	149	17020	0.500	ng	#	95
85) Di-n-octyl phthalate	22.774	149	1088	0.020	ng	#	81
87) Indeno(1,2,3-cd)pyrene	28.733	276	89	0.001	ng	#	1
88) Benzo(b)fluoranthene	23.886	252	942	0.018	ng	#	12
89) Benzo(k)fluoranthene	23.939	252	852	0.017	ng	#	1
90) Benzo(a)pyrene	24.768	252	399	0.009	ng	#	1
91) Dibenzo(a,h)anthracene	28.786	278	70	0.001	ng	#	1
92) Benzo(g,h,i)perylene	30.092	276	2270	0.044	ng		92

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

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