Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011624\
Data File : BF137087.D
Acq On : 16 Jan 2024 19:07
Operator : CG\JU
Sample : P1147-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-EMSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 01/18/2024
Supervised By :mohammad ahmed 01/18/2024

Quant Time: Jan 17 02:01:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.781	152	56772	20.000	ng		-0.01
21) Naphthalene-d8	8.063	136	218745	20.000	ng		0.00
39) Acenaphthene-d10	9.822	164	108732	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	198462	20.000	ng		0.00
76) Chrysene-d12	13.974	240	116905	20.000	ng		0.00
86) Perylene-d12	15.462	264	131925	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	286329	78.693	ng		0.00
7) Phenol-d6	6.439	99	361514	76.678	ng		0.00
23) Nitrobenzene-d5	7.351	82	217439	50.866	ng		0.00
42) 2,4,6-Tribromophenol	10.616	330	102165	79.781	ng		0.00
45) 2-Fluorobiphenyl	9.139	172	444514	54.985	ng		-0.01
79) Terphenyl-d14	12.904	244	406116	48.547	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.610	88	59370	39.161	ng		96
3) Pyridine	3.381	79	138108	37.337	ng		95
4) n-Nitrosodimethylamine	3.351	42	74534	37.733	ng		95
6) Aniline	6.451	93	138179	29.314	ng	#	9
8) 2-Chlorophenol	6.575	128	166532	41.823	ng		98
9) Benzaldehyde	6.339	77	22708	8.468	ng		96
10) Phenol	6.451	94	206358	41.001	ng		95
11) bis(2-Chloroethyl)ether	6.522	93	152327	39.798	ng		98
12) 1,3-Dichlorobenzene	6.722	146	172405	39.691	ng		99
13) 1,4-Dichlorobenzene	6.798	146	180115	40.582	ng		99
14) 1,2-Dichlorobenzene	6.951	146	169668	41.083	ng		97
15) Benzyl Alcohol	6.934	79	133266	41.898	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.057	45	235882	37.695	ng		59
17) 2-Methylphenol	7.051	107	130301	39.501	ng		95
18) Hexachloroethane	7.286	117	62385	38.704	ng		93
19) n-Nitroso-di-n-propyla...	7.198	70	112142	39.238	ng		96
20) 3+4-Methylphenols	7.204	107	171739	41.674	ng	#	60
22) Acetophenone	7.192	105	233950	42.670	ng	#	88
24) Nitrobenzene	7.369	77	169182	39.508	ng		95
25) Isophorone	7.604	82	306992	39.467	ng		99
26) 2-Nitrophenol	7.681	139	89384	43.628	ng		96
27) 2,4-Dimethylphenol	7.728	122	127659	51.181	ng		96
28) bis(2-Chloroethoxy)met...	7.810	93	190337	40.256	ng		99
29) 2,4-Dichlorophenol	7.928	162	135774	42.281	ng		99
30) 1,2,4-Trichlorobenzene	8.004	180	143430	40.088	ng		98
31) Naphthalene	8.081	128	484383	40.307	ng		100
32) Benzoic acid	7.875	122	86589	35.878	ng		96
33) 4-Chloroaniline	8.139	127	66517	14.991	ng		96
34) Hexachlorobutadiene	8.192	225	83491	38.408	ng		99
35) Caprolactam	8.522	113	45468m	42.921	ng		
36) 4-Chloro-3-methylphenol	8.639	107	144745	40.039	ng		97
37) 2-Methylnaphthalene	8.775	142	306365	39.613	ng		100
38) 1-Methylnaphthalene	8.875	142	294640	38.831	ng		100
40) 1,2,4,5-Tetrachloroben...	8.945	216	148223	44.017	ng		98
41) Hexachlorocyclopentadiene	8.922	237	67063	63.535	ng		98
43) 2,4,6-Trichlorophenol	9.063	196	90338	41.832	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	101640	42.235	ng		95
46) 1,1'-Biphenyl	9.239	154	401946	44.052	ng		100
47) 2-Chloronaphthalene	9.269	162	291171	41.977	ng		97
48) 2-Nitroaniline	9.375	65	93188	42.902	ng		91
49) Acenaphthylene	9.680	152	481502	45.415	ng		100
50) Dimethylphthalate	9.545	163	339373	42.731	ng		99
51) 2,6-Dinitrotoluene	9.616	165	75273	41.761	ng		94
52) Acenaphthene	9.857	154	275188	41.872	ng		99
53) 3-Nitroaniline	9.786	138	56273	29.472	ng		90
54) 2,4-Dinitrophenol	9.904	184	61776	62.688	ng	#	89
55) Dibenzofuran	10.027	168	417247	41.882	ng		98
56) 4-Nitrophenol	9.974	139	82893	64.311	ng		92
57) 2,4-Dinitrotoluene	10.027	165	93802	40.087	ng		94
58) Fluorene	10.374	166	336589	42.580	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	77702	41.945	ng		96
60) Diethylphthalate	10.245	149	336793	40.871	ng		99
61) 4-Chlorophenyl-phenyle...	10.363	204	161165	41.945	ng		97
62) 4-Nitroaniline	10.410	138	72190	39.219	ng		89
63) Azobenzene	10.527	77	312953	40.662	ng		95
65) 4,6-Dinitro-2-methylph...	10.439	198	44673	39.277	ng		89
66) n-Nitrosodiphenylamine	10.486	169	295377	45.816	ng		100
67) 4-Bromophenyl-phenylether	10.857	248	93465	42.406	ng		91
68) Hexachlorobenzene	10.921	284	103449	42.117	ng		96
69) Atrazine	11.021	200	92035	55.815	ng		99
70) Pentachlorophenol	11.127	266	72947	63.716	ng		97
71) Phenanthrene	11.339	178	448030	43.997	ng		99
72) Anthracene	11.392	178	459097	44.517	ng		100
73) Carbazole	11.551	167	417438	42.932	ng		98
74) Di-n-butylphthalate	11.874	149	510009	42.986	ng		99
75) Fluoranthene	12.533	202	428613	39.349	ng		96
77) Benzidine	12.663	184	154652	44.865	ng		100
78) Pyrene	12.768	202	422434	36.810	ng		100
80) Butylbenzylphthalate	13.386	149	170107	40.736	ng		100
81) Benzo(a)anthracene	13.962	228	356024	43.857	ng		99
82) 3,3'-Dichlorobenzidine	13.927	252	94243	40.880	ng		100
83) Chrysene	14.004	228	330277	41.605	ng		98
84) Bis(2-ethylhexyl)phtha...	13.945	149	242232	46.104	ng		98
85) Di-n-octyl phthalate	14.562	149	402843	49.568	ng		97
87) Indeno(1,2,3-cd)pyrene	16.998	276	363777	38.191	ng		100
88) Benzo(b)fluoranthene	15.027	252	338663	38.435	ng		99
89) Benzo(k)fluoranthene	15.057	252	329724	39.602	ng		99
90) Benzo(a)pyrene	15.404	252	311271	41.850	ng		99
91) Dibenzo(a,h)anthracene	17.003	278	305789	39.131	ng		98
92) Benzo(g,h,i)perylene	17.456	276	273120	34.124	ng		98

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

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