Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020524\
Data File : BF137269.D
Acq On : 05 Feb 2024 10:37
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024

Quant Time: Feb 05 11:03:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 04:56:22 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.793	152	53666	20.000	ng		0.00
21) Naphthalene-d8	8.075	136	207041	20.000	ng		0.00
39) Acenaphthene-d10	9.828	164	119043	20.000	ng		0.00
64) Phenanthrene-d10	11.322	188	235644	20.000	ng	#	0.00
76) Chrysene-d12	13.974	240	135651	20.000	ng		0.00
86) Perylene-d12	15.451	264	126639	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	287029	88.253	ng		0.00
7) Phenol-d6	6.434	99	381238	82.139	ng		0.00
23) Nitrobenzene-d5	7.357	82	383843	83.004	ng		0.00
42) 2,4,6-Tribromophenol	10.622	330	119893	89.179	ng		0.00
45) 2-Fluorobiphenyl	9.151	172	707545	81.705	ng		0.00
79) Terphenyl-d14	12.916	244	853569	85.542	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.540	88	66076	37.970	ng		99
3) Pyridine	3.293	79	143629	41.223	ng		98
4) n-Nitrosodimethylamine	3.263	42	67985	39.555	ng		90
6) Aniline	6.463	93	204209	41.100	ng		99
8) 2-Chlorophenol	6.581	128	155305	42.707	ng		93
9) Benzaldehyde	6.345	77	64812	36.667	ng		97
10) Phenol	6.445	94	213939	41.294	ng		99
11) bis(2-Chloroethyl)ether	6.534	93	156021	45.063	ng		98
12) 1,3-Dichlorobenzene	6.734	146	175701	41.209	ng		99
13) 1,4-Dichlorobenzene	6.810	146	182741	41.443	ng		99
14) 1,2-Dichlorobenzene	6.963	146	171678	41.641	ng		99
15) Benzyl Alcohol	6.940	79	147836	44.833	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.069	45	231579	37.131	ng		99
17) 2-Methylphenol	7.051	107	130724	43.029	ng		97
18) Hexachloroethane	7.304	117	65375	41.108	ng		99
19) n-Nitroso-di-n-propyla...	7.210	70	126819	39.851	ng		96
20) 3+4-Methylphenols	7.204	107	160174	41.647	ng	#	84
22) Acetophenone	7.204	105	230013	41.266	ng		100
24) Nitrobenzene	7.375	77	186600	41.574	ng		97
25) Isophorone	7.616	82	340591	39.902	ng		99
26) 2-Nitrophenol	7.692	139	76065	43.990	ng		98
27) 2,4-Dimethylphenol	7.728	122	101886	41.761	ng		98
28) bis(2-Chloroethoxy)met...	7.828	93	188525	41.591	ng		98
29) 2,4-Dichlorophenol	7.934	162	131104	43.317	ng		96
30) 1,2,4-Trichlorobenzene	8.016	180	153389	40.800	ng		95
31) Naphthalene	8.098	128	463024	41.368	ng		100
32) Benzoic acid	7.845	122	74846	44.419	ng		94
33) 4-Chloroaniline	8.145	127	163061	42.352	ng		98
34) Hexachlorobutadiene	8.210	225	101724	40.693	ng		98
35) Caprolactam	8.516	113	41345	43.932	ng		92
36) 4-Chloro-3-methylphenol	8.628	107	148178	41.451	ng		99
37) 2-Methylnaphthalene	8.786	142	303594	40.458	ng		99
38) 1-Methylnaphthalene	8.886	142	284922	40.880	ng		100
40) 1,2,4,5-Tetrachloroben...	8.951	216	164751	41.361	ng		99
41) Hexachlorocyclopentadiene	8.939	237	86475	45.581	ng		100
43) 2,4,6-Trichlorophenol	9.063	196	101742	45.032	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	109597	44.379	ng	97
46) 1,1'-Biphenyl	9.251	154	387525	40.915	ng	98
47) 2-Chloronaphthalene	9.275	162	284414	40.576	ng	99
48) 2-Nitroaniline	9.375	65	99245	43.746	ng	97
49) Acenaphthylene	9.692	152	456562	40.687	ng	100
50) Dimethylphthalate	9.557	163	337924	42.019	ng	99
51) 2,6-Dinitrotoluene	9.616	165	75517	44.035	ng	98
52) Acenaphthene	9.863	154	271440	41.158	ng	99
53) 3-Nitroaniline	9.786	138	71774	46.507	ng	99
54) 2,4-Dinitrophenol	9.892	184	33078	48.621	ng	86
55) Dibenzofuran	10.033	168	434548	41.415	ng	98
56) 4-Nitrophenol	9.945	139	46349	38.970	ng	97
57) 2,4-Dinitrotoluene	10.022	165	101788	45.744	ng	88
58) Fluorene	10.381	166	339872	41.318	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	99162m	43.155	ng	
60) Diethylphthalate	10.257	149	336294	42.469	ng	98
61) 4-Chlorophenyl-phenyle...	10.375	204	167876	41.059	ng	97
62) 4-Nitroaniline	10.404	138	62636	42.402	ng	97
63) Azobenzene	10.533	77	358866	40.920	ng	98
65) 4,6-Dinitro-2-methylph...	10.428	198	57151	46.037	ng	86
66) n-Nitrosodiphenylamine	10.498	169	292103	40.768	ng	98
67) 4-Bromophenyl-phenylether	10.869	248	109290	42.179	ng	99
68) Hexachlorobenzene	10.928	284	117579	40.626	ng	93
69) Atrazine	11.028	200	100371	42.435	ng	98
70) Pentachlorophenol	11.122	266	75136	45.288	ng	99
71) Phenanthrene	11.345	178	506081	41.024	ng	100
72) Anthracene	11.398	178	522181	40.611	ng	98
73) Carbazole	11.557	167	450875	41.958	ng	100
74) Di-n-butylphthalate	11.892	149	520675	44.824	ng	100
75) Fluoranthene	12.539	202	537200	41.615	ng	100
77) Benzidine	12.674	184	33001m	13.586	ng	
78) Pyrene	12.769	202	543493	41.691	ng	99
80) Butylbenzylphthalate	13.398	149	178033	53.387	ng	93
81) Benzo(a)anthracene	13.963	228	382728	39.839	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	110967	42.396	ng	96
83) Chrysene	13.998	228	383786	40.634	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	211709	54.568	ng	98
85) Di-n-octyl phthalate	14.580	149	316373	51.285	ng	98
87) Indeno(1,2,3-cd)pyrene	16.951	276	407255	45.774	ng	99
88) Benzo(b)fluoranthene	15.021	252	314976	40.443	ng	99
89) Benzo(k)fluoranthene	15.051	252	329885	40.039	ng	98
90) Benzo(a)pyrene	15.392	252	302717	41.303	ng	99
91) Dibenzo(a,h)anthracene	16.980	278	321778	45.136	ng	96
92) Benzo(g,h,i)perylene	17.409	276	318076	45.459	ng	98

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

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