Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019238.D
Acq On : 03 Jan 2024 08:46
Operator : MA/JU
Sample : 05952-06MSD
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF89MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/04/2024
Supervised By :mohammad ahmed 01/05/2024

Quant Time: Jan 04 02:35:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 03:48:11 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	181902	20.000	ng/ul	0.00
20) Naphthalene-d8	10.599	136	666496	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.445	164	398295	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.198	188	915052	20.000	ng/ul	0.00
79) Chrysene-d12	21.310	240	997785	20.000	ng/ul	0.00
88) Perylene-d12	23.674	264	1250071	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	28482	5.348	ng/uL	0.00
4) Pyridine-d5	3.658	84	344560	25.775	ng/ul	0.00
7) Phenol-d5	6.987	99	501117	30.720	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	288809	30.604	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	402237	30.586	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	378047	29.767	ng/ul	0.00
21) Nitrobenzene-d5	8.963	128	191582	33.252	ng/ul	0.00
24) 2-Nitrophenol-d4	9.687	143	221005	35.493	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	418874	33.314	ng/ul	0.00
31) 4-Chloroaniline-d4	10.746	131	390417	25.244	ng/ul	0.00
46) Dimethylphthalate-d6	13.863	166	1069640	30.404	ng/ul	0.00
49) Acenaphthylene-d8	14.140	160	1280222	33.538	ng/ul	0.00
54) 4-Nitrophenol-d4	14.687	143	213685	35.970	ng/ul	0.02
60) Fluorene-d10	15.439	176	975492	32.096	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	185688	30.954	ng/ul	0.00
73) Anthracene-d10	17.298	188	1531787	32.055	ng/ul	0.00
81) Pyrene-d10	19.545	212	2005767	32.985	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.521	264	2298632	31.990	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.269	88	80775	13.794	ng/uL	100
5) Pyridine	3.675	79	532899	39.272	ng/ul	98
6) Benzaldehyde	6.946	77	349001	46.079	ng/ul	99
8) Phenol	7.016	94	649027	40.282	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.234	93	508184	38.981	ng/ul	98
12) 2-Chlorophenol	7.369	128	525145	39.016	ng/ul	99
13) 2-Methylphenol	8.263	108	471017	39.518	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.328	45	591407	38.456	ng/ul	98
16) Acetophenone	8.634	105	754563	39.670	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.616	70	350804	36.986	ng/ul	98
18) 4-Methylphenol	8.593	108	497989	38.815	ng/ul	99
19) Hexachloroethane	8.869	117	216470	38.343	ng/ul	95
22) Nitrobenzene	9.010	77	563340	40.022	ng/ul	98
23) Isophorone	9.540	82	1010190	39.799	ng/ul	100
25) 2-Nitrophenol	9.716	139	289430	43.534	ng/ul	99
26) 2,4-Dimethylphenol	9.793	107	475472	40.624	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.022	93	627557	37.407	ng/ul	99
29) 2,4-Dichlorophenol	10.257	162	495498	40.327	ng/ul	99
30) Naphthalene	10.646	128	1558454	38.783	ng/ul	100
32) 4-Chloroaniline	10.769	127	465160	31.344	ng/ul	100
33) Hexachlorobutadiene	10.922	225	378006	39.975	ng/ul	99
34) Caprolactam	11.581	113	146490	45.137	ng/ul	99
35) 4-Chloro-3-methylphenol	11.916	107	489180	40.557	ng/ul	99
36) 2-Methylnaphthalene	12.263	142	1037555	38.296	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.481	142	1023367	37.457	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.628	216	659872	40.226	ng/ul	99
40) Hexachlorocyclopentadiene	12.604	237	266162	29.232	ng/ul	97
41) 2,4,6-Trichlorophenol	12.881	196	419286	42.830	ng/ul	100
42) 2,4,5-Trichlorophenol	12.963	196	453450	43.635	ng/ul	99
43) 1,1'-Biphenyl	13.281	154	1363125	39.233	ng/ul	99
44) 2-Chloronaphthalene	13.322	162	1125594	40.374	ng/ul	99
45) 2-Nitroaniline	13.540	65	308575	46.105	ng/ul	98
47) Dimethylphthalate	13.910	163	1317108	37.927	ng/ul	99
48) 2,6-Dinitrotoluene	14.040	165	279379	43.781	ng/ul	93
50) Acenaphthylene	14.169	152	1742116	40.563	ng/ul	100
51) 3-Nitroaniline	14.369	138	262608	42.095	ng/ul	99
52) Acenaphthene	14.510	153	1143317	39.278	ng/ul	100
53) 2,4-Dinitrophenol	14.575	184	144033	35.035	ng/ul	98
55) 4-Nitrophenol	14.698	109	208216	43.856	ng/ul	94
56) Dibenzofuran	14.845	168	1601502	38.527	ng/ul	97
57) 2,4-Dinitrotoluene	14.828	165	403165	42.959	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.081	232	394399	43.439	ng/ul	98
59) Diethylphthalate	15.275	149	1294512	38.446	ng/ul	99
61) Fluorene	15.498	166	1311020	39.404	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.492	204	701480	38.607	ng/ul	99
63) 4-Nitroaniline	15.534	138	289976m	46.199	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.592	198	237351	37.369	ng/ul#	99
67) N-Nitrosodiphenylamine	15.710	169	1099126	39.357	ng/ul	98
68) 4-Bromophenyl-phenylether	16.386	248	463427	40.747	ng/ul	98
69) Hexachlorobenzene	16.498	284	550660	39.618	ng/ul	98
70) Atrazine	16.675	200	405903	51.501	ng/ul	98
71) Pentachlorophenol	16.857	266	376872	46.183	ng/ul	97
72) Phenanthrene	17.245	178	2202905	39.725	ng/ul	99
74) Anthracene	17.333	178	2167781	39.267	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.240	216	648830	40.780	ng/uL	99
76) Pentachlorobenzene	14.763	250	617920	39.084	ng/uL	98
77) Carbazole	17.616	167	2041399	44.454	ng/ul	100
78) Di-n-butylphthalate	18.169	149	2285189	40.125	ng/ul	100
80) Fluoranthene	19.222	202	2835564	40.636	ng/ul	99
82) Pyrene	19.575	202	2974911	40.692	ng/ul	99
83) Butylbenzylphthalate	20.457	149	1100992	42.160	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.227	252	677618	27.148	ng/ul	99
85) Benzo(a)anthracene	21.292	228	3156263	40.036	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.216	149	1573328	40.915	ng/ul	100
87) Chrysene	21.345	228	2982052	40.566	ng/ul	98
89) Di-n-octyl phthalate	22.127	149	2880063	40.289	ng/ul	100
90) Benzo(b)fluoranthene	22.951	252	3394471	38.659	ng/ul	99
91) Benzo(k)fluoranthene	23.004	252	3422601	39.668	ng/ul	99
93) Benzo(a)pyrene	23.574	252	3250575	39.332	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.139	276	4192089	39.569	ng/ul	98
95) Dibenzo(a,h)anthracene	26.157	278	3454532	39.197	ng/ul	99
96) Benzo(g,h,i)perylene	26.898	276	3407430	40.135	ng/ul	98

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

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